



AI4ED

**TOWARDS AN AI DRIVEN EDUCATIONAL PROCESS
INTEGRATING MODERN CAREERS IN THE EDUCATIONAL
SYSTEM**

Deliverable

D3.3 – Initial dataset to feed de AI Models

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Table of Contents

1	Introduction	5
1	Enrolment Dataset.....	6
2	Activity Dataset.....	8
3	Activity Weights Dataset	10
4	Content Dataset.....	13
5	Dataset on Consumed Content	21
6	Content Activity Dataset.....	41
7	Student Dataset	46
8	Grades Dataset	54
9	Student Satisfaction Dataset	58
10	Subject Dataset.....	60
11	Training Action Dataset	61
12	Conclusions	62

List of figures

No table of figures entries found.

List of tables

Table 1 - Enrolment data set	6
Table 2 - Activity data set	8
Table 3 - Activity Weights.....	10
Table 4 - Content Data Set.....	13
Table 5 - Consumed content data setIMH Campus.....	21
Table 6 - Content activity data set.....	41
Table 7 - Student data set.....	46
Table 8 - Grades data set.....	54
Table 9 - Student satisfaction data set	59
Table 10 - Subject data set	60
Table 11 - Training action data set	61

Glossary

AI	Artificial Intelligence

EXECUTIVE SUMMARY / ABSTRACT

Abstract	This report focuses on the description of the developed dataset, concretely, it includes the minimum digitised data needed to implement the AI systems. These datasets hope to exploit the advantages of AI for education.
Keywords	Data, dataset, AI model, feed, microdata

I Introduction

This report presents a comprehensive analysis of a newly developed dataset, meticulously crafted to facilitate the seamless integration of AI systems within educational contexts. The focal point of this examination is the inclusion of essential digitized information, which forms the bedrock for this innovative initiative. By harnessing the potential of AI technology, these curated datasets are poised to revolutionize the educational landscape, offering a bunch of benefits.

In this way, the minimum variables required for artificial intelligence are organized in tables. Each of these tables encapsulates a specific set of essential data that fuels the system. This meticulous structuring facilitates the assimilation and optimal processing of information by AI algorithms. Besides, this tabular arrangement provides a clear and detailed view of the key variables, thereby contributing to deeper and more effective understanding of the functioning of the artificial intelligence system as whole.

I Enrolment Dataset

Within this dataset (Table 1), there are several key parameters. These include:

1. **id_student**: this is a unique identifier assigned to each student.
2. **id_subject**: this identifier is unique pertains to the specific language the subject is being taught (Spanish (467) and Basque (468)).
3. **academic_year**: this refers to the current year, which is 2023 in this context.
4. **commitment_percentage**: this metric quantifies the level of commitment exhibited by each student, expressed as a percentage. It is derived by analyzing attendance records from various tables in the dataset, namely mdl_attendance, mdl_attendance_log, mdl_attendance_sessions, and mdl_attendance_statuses.

Table 1 - Enrolment dataset

id_student	id_subject	academic_year	commitment_percentage
2.279	467	2023	1
2.047	467	2023	1
2.273	467	2023	1
2.270	467	2023	1
2.275	467	2023	1
2.298	467	2023	1
2.271	467	2023	1
2.290	467	2023	1
2.283	467	2023	1
2.277	467	2023	1
2.274	467	2023	0
2.272	467	2023	1
2.280	467	2023	1
2.291	467	2023	1
1.436	467	2023	0
2.278	467	2023	1
2.301	467	2023	1
2.045	468	2023	
2.268	468	2023	
2.071	468	2023	
2.049	468	2023	
2.269	468	2023	
2.294	468	2023	
2.276	468	2023	
2.084	468	2023	
2.286	468	2023	
2.293	468	2023	
2.292	468	2023	

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2.284	468	2023	
2.299	468	2023	
2.067	468	2023	
2.287	468	2023	
2.288	468	2023	
2.295	468	2023	
2.296	468	2023	
2.300	468	2023	
2.285	468	2023	
2.297	468	2023	
2.282	468	2023	
2.289	468	2023	
2.281	468	2023	

2 Activity Dataset

In Table 2, the initial parameter (id) pertains to the ID of the assigns that have to be done in order to fulfill the subject. The id_subject parameter corresponds to the subject's ID, with distinct numbers for Spanish (467) and Basque (468) languages. Following this, the possible_attempts parameter indicates the number of attempts allowed for each assignment. The subsequent two parameters, minimum_grade and maximum_grade, delineate the lowest and highest achievable marks for the assignments. Lastly, the weight parameter signifies the contribution of the assignment towards the final grade.

Table 2 - Activity dataset

id	id_subject	type	possible_attempts	minimum_grade	maximum_grade	weight
9.643	467	assign	2	0	100	0
9.651	467	assign	2	0	10	0
9.652	467	assign	2	0	10	0
9.653	467	assign	2	0	10	0
9.658	467	assign	2	0	10	0
9.660	467	assign	2	0	10	0
9.662	467	assign	2	0	10	0
9.663	467	assign	2	0	100	0
9.664	467	assign	2	0	10	0
9.665	467	assign	2	0	10	0
9.666	467	assign	2	0	10	0
9.667	467	assign	2	0	10	0
9.668	467	assign	2	0	10	0
9.672	467	assign	2	0	10	0
9.674	467	assign	2	0	10	0
9.675	467	assign	2	0	10	0
9.676	467	assign	2	0	100	0
9.677	467	assign	2	0	10	0
9.679	467	assign	2	0	10	0
10.759	467	assign	2	0	10	0,4
10.761	467	assign	2	0	10	0
10.762	467	assign	2	0	10	0
10.763	467	assign	2	0	10	0
10.764	467	assign	2	0	10	0,2
10.854	468	assign	2	0	100	0
10.855	468	assign	2	0	10	0
10.856	468	assign	2	0	10	0
10.861	468	assign	2	0	10	0
10.864	468	assign	2	0	10	0
10.866	468	assign	2	0	10	0
10.867	468	assign	2	0	10	0

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10.869	468	assign	2	0	10	0
10.870	468	assign	2	0	10	0
10.872	468	assign	2	0	10	0
10.873	468	assign	2	0	10	0
10.874	468	assign	2	0	10	0
10.875	468	assign	2	0	10	0
10.876	468	assign	2	0	10	0
10.877	468	assign	2	0	10	0
10.878	468	assign	2	0	10	0
10.882	468	assign	2	0	10	0
10.884	468	assign	2	0	10	0
10.885	468	assign	2	0	10	0
10.886	468	assign	2	0	100	0
10.887	468	assign	2	0	10	0
10.888	468	assign	2	0	10	0
10.889	468	assign	2	0	10	0,4
10.890	468	assign	2	0	10	0,2
11.043	468	assign	2	0	10	0
11.044	467	assign	2	0	10	0
11.136	467	assign	2	0	10	0
11.138	468	assign	2	0	10	0
11.142	467	assign	2	0	10	0
11.147	468	assign	2	0	10	0
11.148	468	assign	2	0	10	0
11.149	468	assign	2	0	10	0

3 Activity Weights Dataset

The next Table 3 provides information about the parameters used to reflect the weight of the activities: course_id parameter corresponds to the subject's ID, with distinct numbers for Spanish (467) and Basque (468) languages, itemname refers to the name of the activity or assign, grademin and grademax parameters correspond to the minimum and maximum grade that can be obtained in those tasks, and finally aggregationcoef and aggregationcoef2 parameters are related to the weights of the activities.

Table 3 - Activity Weights dataset

cour-seid	itemname	grade-min	grade-max	aggregation-coef	aggregation-coef2
467		0	50	0	0
467	TAREA: Crear los Equipos de Trabajo	0	100	1	0
467	P1.1 PRACTICA - Formato Condicional Avanzado	0	10	1	0
467	P2.1- PRÁCTICA FUNCION IF	0	10	1	0
467	P2.2- PRACTICA VLOOKUP	0	10	1	0
467	CUESTIONARIO 1.3: Escribiendo operaciones aritméticas y funciones básicas sencillas	0	10	1	0
467	CUESTIONARIO C1.4: Formato Condicional	0	10	1	0
467	CUESTIONARIO C1.5: Función IF con datos numéricos	0	10	1	0
467	CUESTIONARIO C1.6: Usando VLOOKUP Y HLOOKUP	0	10	1	0
467	PRACTICA P4 Tablas Dinámicas	0	10	1	0
467	CUESTIONARIO C4.1: Tablas Dinámicas	0	10	1	0
467	PRACTICA P5 Modificando Gráficas	0	10	1	0
467	PRACTICA HOJAS DE CÁLCULO: Análisis de Datos utilizando hojas de cálculo	0	10	1	0
467	DISEÑANDO DIAGRAMAS DE FLUJO	0	100	1	0
467	TAREA - PYTHON_2	0	10	1	0
467	TRABAJO CASA: Generando programa de conversión de temperaturas	0	10	1	0
467	TAREA - PYTHON_3	0	10	1	0
467	TAREA - PYTHON_4	0	10	1	0
467	TRABAJO CASA 2: Mejorando el conversor de temperaturas	0	10	1	0
467	(NO HACER) C3.6 - CUESTIONARIO: Estructuras de datos complejas	0	10	1	0
467	CUESTIONARIO 2.1: Operadores, Variables y Tipos de datos básicos	0	10	1	0
467	CUESTIONARIO 2.2: Estructuras de control (Condicionales y Bucles)	0	10	1	0
467	TRABAJO CASA 3: Aplicando funciones y excepciones en el conversor de temperaturas	0	10	1	0
467	C3.7- CUESTIONARIO: Funciones	0	10	1	0

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467	TRABAJO: Ejercicios con funciones	0	10	1	0
467	PRÁCTICA (FASE 1): Análisis y modelización de la problemática mediante diagramas de flujo	0	10	1	0
467	PRÁCTICA (FASE 2): Análisis de la estructura de datos	0	100	1	0
467	PRÁCTICA ENTREGA FINAL: Sensor de temperaturas ABF LT (Lituania)	0	10	1	0
467	PBL R: Tratamiento de Datos con R	0	10	5	0
467		0	10	0	0,1
467		0	10	0	0,25
467		0	10	0	0,05
467	EXAMEN	0	10	0	0,4
467	Instalación de LibreOffice y Anaconda	0	10	1	0
467	PBL ACTIVIDAD 1: Genera la hoja de cálculo inicial partiendo de los datos existentes en los ficheros de clientes, proveedores y productos.	0	10	7,5	0
467	PBL PYTHON	0	10	15	0
467	ACH	0	10	0	0,2
467	Introducción a la asignatura	0	10	0	0
467	Tabla de multiplicación	0	10	1	0
467	CUESTIONARIO 1.1: Leyendo y manipulando datos básicos	0	10	1	0
467	CUESTIONARIO 1.2: Referencias Relativas y Absolutas	0	10	1	0
467	FUNCIONES	0	10	0	0
467	CUESTIONARIOA C5 Graficas	0	10	1	0
467	TAREA - PYTHON_1	0	10	1	0
467	TAREA - PYTHON_5	0	10	1	0
468		0	50	0	0
468		0	10	0	0,1
468		0	10	0	0,25
468		0	10	0	0,05
468	Ikasgaiaren sarrera	0	10	0	0
468	ZEREGINA: Lan Taldeak sortu	0	100	1	0
468	ZEREGINA: LibreOffice eta Anacondaren instalazioa	0	10	1	0
468	PBL ZEREGINA1: Sortu hasierako kalkulu orria 'clientes', 'proveedores' eta 'productos' fitxategietan dauden datuetatik abiatuta.	0	10	1	0
468	GALDETEGIA 1.1: Oinarrizko datuak irakurtzen eta manipulatzen	0	10	1	0
468	GALDETEGIA 1.2: Erreferentzia erlatiboak eta absolutuak	0	10	1	0
468	GALDETEGIA 1.3: Oinarrizko funtzioak	0	10	1	0
468	Funtzioak	0	10	0	0
468	P1.6 PRACTICA - Baldintzapeko formatua aurreratua	0	10	1	0
468	GALDETEGIA 1.4: Baldintzapeko formatua	0	10	1	0
468	GALDETEGIA 1.5: IF funtzioa	0	10	1	0
468	P2.1 PRAKTIKA - If funtzioa	0	10	1	0
468	GALDETEGIA 1.6: VLOOKUP eta HLOOKUP erabiltzen	0	10	1	0
468	P2.2- PRACTICA VLOOKUP	0	10	1	0
468	P1.10 PRAKTIKA Taula Dinamikoak	0	10	1	0
468	GALDETEGIA 1.7: Taula Dinamikoak	0	10	1	0

D3.3 AI4Ed – Initial dataset to feed de AI Models

468	P1.11 PRAKTIKA Grafikoak aldatuz	0	10	1	0
468	KALKULU ORRIEN PRAKTIKA: Datuen analisia kalkulu orriak erabiliz	0	10	1	0
468	GALDETEGIA G1.8: Grafikoak	0	10	1	0
468	PBL PYTHON	0	10	1	0
468	P2.1 PRAKTIKA: FLUXU DIAGRAMAK DISEINATZEN	0	10	1	0
468	ZEREGINA - PYTHON_2	0	10	1	0
468	TRABAJO CASA: Generando programa de conversi3n de temperaturas	0	10	1	0
468	JUPYTER NOTEBOOK EJERCICIOS: Bucles WHILE	0	10	1	0
468	JUPYTER NOTEBOOK EJERCICIOS: Bucles FOR	0	10	1	0
468	TRABAJO CASA 2: Mejorando el conversor de temperaturas	0	10	1	0
468	(NO HACER) C3.6 - CUESTIONARIO: Estructuras de datos complejas	0	10	1	0
468	GALDETEGIA 2.1: Operatzaileak, Aldagaiak eta Oinarrizko datu motak	0	10	1	0
468	GALDETEGIA 2.2: Kontrol egiturak (Baldintzazkoak eta Bukleak)	0	10	1	0
468	TRABAJO CASA 3: Aplicando funciones y excepciones en el conversor de temperaturas	0	10	1	0
468	C3.7- CUESTIONARIO: Funciones	0	10	1	0
468	TRABAJO: Ejercicios con funciones	0	10	1	0
468	PRÁCTICA (FASE 1): Análisis y modelización de la problemática mediante diagramas de flujo	0	10	1	0
468	PRÁCTICA (FASE 2): Análisis de la estructura de datos	0	100	1	0
468	PRÁCTICA ENTREGA FINAL: Sensor de temperaturas ABF LT (Lituania)	0	10	1	0
468	PBL R: Tratamiento de Datos con R	0	10	1	0
468	EXAMEN	0	10	0	0,4
468	ACH	0	10	0	0,2
468	ZEREGINA: Biderkatzeko taula	0	10	1	0
468	ZEREGINA - PYTHON_1	0	10	1	0
468	ZEREGINA - PYTHON_3	0	10	1	0
468	ZEREGINA - PYTHON_4	0	10	1	0
468	ZEREGINA - PYTHON_5	0	10	1	0

4 Content Dataset

In the following Table 4, the “id” parameter corresponds to the ID of each piece of content provided by the teacher on the Moodle platform. Next, the “id_subject” denotes the ID of the subject, which has two different numbers depending on the language of instruction (Spanish 467 and Basque 468). The “Language” parameter pertains to the language in which Moodle is configured. The “Type” indicates whether the content is a page, resource, URL, etc. This is linked to the subsequent parameter, “external”, which is assigned a value of 1 if the content is sourced from a URL, and 0 otherwise. Finally, the “url” parameter displays the specific URL within Moodle where the content can be found.

Table 4 - Content dataset

id	id_subject	name	language	type	external	url
34.126	467	VIDEOS: Insercion, seleccion y visualizacion de datos	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34126
34.129	467	Teclas rapidas CALC	es	resource	0	https://moodle.imh.eus/mod/resource-view.php?id=34129
34.135	467	VIDEO: Formulas y Operadores Basicos	es	url	1	https://moodle.imh.eus/mod/urlview.php?id=34135
34.139	467	VIDEO: Referencias Relativas, Absolutas y Mixtas	es	url	1	https://moodle.imh.eus/mod/urlview.php?id=34139
34.145	467	Ejemplos de funciones	es	resource	0	https://moodle.imh.eus/mod/resource-view.php?id=34145
34.146	467	VIDEO: Asistente y listado de funciones.	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34146
34.150	467	VIDEO (CASA): Formato Condicional	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34150
34.167	467	VIDEO PARA CASA: Tablas Dinamicas	es	url	1	https://moodle.imh.eus/mod/urlview.php?id=34167

D3.3 AI4Ed – Initial dataset to feed de AI Models

34.179	467	PARA CASA: VIDEOS - Graficos en Calc	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34179
34.188	467	Introduccion a la Programacion	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34188
34.191	467	A2.1 ES Modelizando Algoritmos	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34191
34.194	467	VIDEO: Porque aprender a Programar en Python	es	url	1	https://moodle.imh.eus/mod/url-view.php?id=34194
34.195	467	LIBRO: Curso Python para Principiantes	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34195
34.196	467	LIBRO: Practicas de Programacion con Python (**RECOMENDADO**)	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34196
34.198	467	VIDEO: Anaconda, Jupyter Notebook y Spyder	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34198
34.199	467	Instalando la distribucion Anaconda (Spyder + Jupyter Notebook)	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34199
34.201	467	2.1 - Introduccion a Python	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34201
34.203	467	Jupyter Notebook (Cheatsheet)	en	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34203
34.208	467	2.2 - Constantes, Variables y Tipos de Datos Basicos	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34208
34.211	467	VIDEOS: Sintaxis Bajsica	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34211
34.215	467	Cadenas de Caracteres	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34215
34.216	467	VIDEO: Cadenas de Caracteres	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34216
34.220	467	Estructuras Complejas de Datos	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34220
34.221	467	VIDEOS: Estructuras Complejas de Datos	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34221

D3.3 AI4Ed – Initial dataset to feed de AI Models

34.223	467	Tuplas	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34223
34.224	467	Listas	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34224
34.225	467	Conjuntos	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34225
34.226	467	Diccionarios	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34226
34.232	467	VIDEOS: Condicionales	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34232
34.239	467	A3.5.1 - Estructuras de Control	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34239
34.254	467	A3.7.1 - Funciones	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34254
34.256	467	VIDEOS: Funciones	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34256
34.264	467	3.8 - Excepciones	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34264
34.265	467	VIDEOS: Excepciones	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34265
34.270	467	3.9 - Ficheros	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34270
34.271	467	VIDEOS: Ficheros	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34271
34.292	467	Utilizaci3n de funciones con argumentos variables (*args) en Python	es	url	1	https://moodle.imh.eus/mod/urlview.php?id=34292
34.314	467	Introduccion al tratamiento de datos en R	es	url	1	https://moodle.imh.eus/mod/urlview.php?id=34314
34.315	467	Instalando R y RStudio de forma directa	en	page	0	https://moodle.imh.eus/mod/page-view.php?id=34315
34.316	467	CHEATSHEET: RStudio IDE	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34316

D3.3 AI4Ed – Initial dataset to feed de AI Models

34.317	467	4.1.1 - Introduccion a R	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34317
34.319	467	4.1 - VIDEOS: Introduccion a R	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34319
34.320	467	CHEATSHEET: Comandos basicos en R	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34320
34.321	467	4.2 - VIDEOS: R como calculadora	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34321
34.322	467	4.2 - DOC: R como calculadora	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34322
34.325	467	4.3 - VIDEOS: Vectores y otro tipo de Listas	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34325
34.326	467	4.3 - DOC: Vectores y otro tipo de listas	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34326
34.331	467	4.4 - VIDEOS: Matrices	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34331
34.332	467	4.4 - DOC: Matrices	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34332
34.335	467	4.5 - VIDEOS: Dataframes	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=34335
34.336	467	4.5 - DOC: Dataframes	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34336
34.337	467	4.5 - RSTUDIO: Videos Dataframes	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=34337
36.709	468	BIDEOAK: Datuak sartu, aukeratu eta ikusi	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36709
36.712	468	CALC tekla azkarrek	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36712
36.715	468	BIDEOA: Formulak eta Oinarrizko operatzaileak	es	url	1	https://moodle.imh.eus/mod/url-view.php?id=36715
36.718	468	BIDEOA: Erreferentzia erlatiboak, absolutuak eta Mixtoak	es	url	1	https://moodle.imh.eus/mod/url-view.php?id=36718

D3.3 AI4Ed – Initial dataset to feed de AI Models

36.723	468	Funtzioen adibideak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36723
36.724	468	BIDEOA: Funtzioen morroia eta zerrenda	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36724
36.728	468	BIDEOA: Baldintzapeko formatua	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36728
36.743	468	BIDEOA: Taula Dinamikoak	es	url	1	https://moodle.imh.eus/mod/url-view.php?id=36743
36.751	468	BIDEOA: Grafikak	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36751
36.762	468	Programaziora sarrera	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36762
36.765	468	Algoritmoak modelizatzen	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36765
36.768	468	BIDEOA: Zergatik ikasi Pythonekin programatzen	es	url	1	https://moodle.imh.eus/mod/url-view.php?id=36768
36.769	468	LIBURUA: Curso Python para Principiantes	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36769
36.770	468	LIBURUA: Practicas de Programacion con Python (**GO-MENDAGARRIA**)	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36770
36.772	468	BIDEOA: Anaconda, Jupyter Notebook eta Spyder	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36772
36.773	468	Anaconda distribuzioa instalatzen (Spyder + Jupyter Notebook)	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36773
36.775	468	2.1 - Python sarrera	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36775
36.782	468	2.2.1 - Konstanteak, aldagaiak eta oinarritzko datu motak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36782
36.785	468	BIDEOA: Oinarritzko Sintaxia	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36785
36.789	468	2.2.2 - Karaktere-kateak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36789

D3.3 AI4Ed – Initial dataset to feed de AI Models

36.790	468	BIDEOA: Karaktere-kateak	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36790
36.794	468	2.2.3 - Datu egitura konplexuak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36794
36.795	468	BIDEOA: Datu egitura konplexuak	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36795
36.797	468	2.2.3.3 - Tuplak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36797
36.798	468	2.2.3.1 - Zerrendak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36798
36.799	468	2.2.3.4 - Multzoak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36799
36.800	468	2.2.3.2 - Hiztegiak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36800
36.806	468	BIDEOA: Baldintzak	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36806
36.813	468	A2.4 - Kontrol Egiturak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36813
36.828	468	A3.7.1 - Funciones	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36828
36.830	468	VIDEOS: Funciones	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36830
36.838	468	3.8 - Excepciones	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36838
36.839	468	VIDEOS: Excepciones	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36839
36.844	468	3.9 - Ficheros	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36844
36.845	468	VIDEOS: Ficheros	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36845
36.865	468	Utilizacion de funciones con argumentos variables (*args) en Python	es	url	1	https://moodle.imh.eus/mod/url-view.php?id=36865

D3.3 AI4Ed – Initial dataset to feed de AI Models

36.887	468	Introduccion al tratamiento de datos en R	es	url	1	https://moodle.imh.eus/mod/ur-lview.php?id=36887
36.888	468	Instalando R y RStudio de forma directa	en	page	0	https://moodle.imh.eus/mod/page-view.php?id=36888
36.889	468	CHEATSHEET: RStudio IDE	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36889
36.890	468	4.1.1 - Introduccion a R	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36890
36.892	468	4.1 - VIDEOS: Introduccion a R	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36892
36.893	468	CHEATSHEET: Comandos basicos en R	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36893
36.894	468	4.2 - VIDEOS: R como calculadora	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36894
36.895	468	4.2 - DOC: R como calculadora	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36895
36.898	468	4.3 - VIDEOS: Vectores y otro tipo de Listas	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36898
36.899	468	4.3 - DOC: Vectores y otro tipo de listas	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36899
36.903	468	4.4 - VIDEOS: Matrices	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36903
36.904	468	4.4 - DOC: Matrices	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36904
36.907	468	4.5 - VIDEOS: Dataframes	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=36907
36.908	468	4.5 - DOC: Dataframes	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36908
36.909	468	4.5 - RSTUDIO: Videos Dataframes	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=36909
37.814	468	BIDEOA: Funtzioak	es	page	0	https://moodle.imh.eus/mod/page-view.php?id=37814

D3.3 AI4Ed – Initial dataset to feed de AI Models

37.815	468	A2.5 - Funtzioak	es	re-source	0	https://moodle.imh.eus/mod/resource-view.php?id=37815
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5 Dataset on Consumed Content

In the upcoming Table 5, “id_student” displays the identification of each student, while “id_content” indicates the identification of each available content within Moodle, as previously mentioned. Following this, the “datetime” parameter specifies the precise date and time at which the student accessed the content.

Table 5 - Consumed content dataset

id_student	id_content	datetime
2.290	34.129	12/09/2023 9:09
2.298	34.129	12/09/2023 9:10
2.301	34.129	12/09/2023 9:10
2.291	34.126	12/09/2023 9:11
2.291	34.126	12/09/2023 9:21
2.294	36.709	12/09/2023 9:22
2.281	36.709	12/09/2023 9:42
2.300	36.709	12/09/2023 9:42
2.294	36.709	12/09/2023 9:49
2.294	36.709	12/09/2023 9:49
2.287	36.709	12/09/2023 9:55
2.282	36.712	12/09/2023 9:59
2.276	36.712	12/09/2023 10:02
1.436	34.126	13/09/2023 6:50
2.049	36.712	13/09/2023 10:32
2.296	36.712	14/09/2023 8:29
1.436	34.129	14/09/2023 14:15
1.436	34.126	14/09/2023 14:20
2.291	34.135	15/09/2023 12:40
2.274	34.129	15/09/2023 12:43
2.274	34.135	15/09/2023 12:43
2.291	34.135	15/09/2023 12:43
2.288	36.712	15/09/2023 12:45
2.270	34.135	15/09/2023 12:46
2.280	34.135	15/09/2023 12:47
2.291	34.135	15/09/2023 12:48
2.268	36.712	15/09/2023 12:49
2.294	36.715	15/09/2023 12:49
2.288	36.715	15/09/2023 12:49
2.292	36.715	15/09/2023 12:50
2.293	36.715	15/09/2023 12:50
2.300	36.712	15/09/2023 12:52
2.282	36.712	15/09/2023 12:52
2.296	36.712	15/09/2023 12:52

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.292	36.712	15/09/2023 12:52
1.436	34.135	15/09/2023 12:59
2.292	36.715	15/09/2023 13:08
2.292	36.715	15/09/2023 13:08
2.274	34.139	15/09/2023 13:20
2.294	36.712	15/09/2023 13:31
2.294	36.715	15/09/2023 13:31
2.294	36.712	15/09/2023 13:31
2.294	36.718	15/09/2023 13:31
2.294	36.718	15/09/2023 13:31
2.292	36.718	15/09/2023 13:32
2.294	36.718	15/09/2023 13:32
2.285	36.715	15/09/2023 13:33
2.292	36.718	15/09/2023 13:36
2.292	36.718	15/09/2023 13:39
2.292	36.718	15/09/2023 13:41
2.292	36.715	15/09/2023 13:43
2.281	36.718	15/09/2023 13:52
2.281	36.712	15/09/2023 13:52
2.277	34.126	16/09/2023 1:21
2.277	34.135	16/09/2023 1:21
2.277	34.139	16/09/2023 1:21
2.290	34.129	16/09/2023 11:38
2.290	34.126	16/09/2023 12:03
2.285	36.715	17/09/2023 11:47
2.285	36.718	17/09/2023 12:05
2.296	36.718	18/09/2023 8:30
2.296	36.718	18/09/2023 8:31
2.293	36.718	18/09/2023 8:32
2.287	36.718	18/09/2023 8:34
2.287	36.715	18/09/2023 8:34
2.287	36.712	18/09/2023 8:34
2.287	36.709	18/09/2023 8:34
2.298	34.135	18/09/2023 8:36
2.268	36.718	18/09/2023 8:37
2.268	36.712	18/09/2023 8:38
2.289	36.718	18/09/2023 8:39
2.300	36.718	18/09/2023 8:39
2.295	36.718	18/09/2023 8:39
2.282	36.712	18/09/2023 8:40
2.292	36.723	18/09/2023 8:41
2.292	36.718	18/09/2023 8:42
2.277	34.129	18/09/2023 8:43
2.282	36.718	18/09/2023 8:44
2.268	36.718	18/09/2023 8:44
2.277	34.145	18/09/2023 8:45
2.293	36.723	18/09/2023 8:48

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.288	36.723	18/09/2023 8:48
2.293	36.718	18/09/2023 8:49
2.288	36.718	18/09/2023 8:50
2.296	36.718	18/09/2023 8:50
2.288	36.723	18/09/2023 8:51
2.288	36.723	18/09/2023 8:51
2.285	36.723	18/09/2023 8:52
2.288	36.724	18/09/2023 8:53
2.288	36.724	18/09/2023 8:53
2.288	36.724	18/09/2023 8:53
2.288	36.724	18/09/2023 8:54
2.288	36.724	18/09/2023 8:54
1.436	34.135	18/09/2023 8:55
1.436	34.129	18/09/2023 8:56
2.290	34.145	18/09/2023 8:56
2.298	34.145	18/09/2023 8:57
2.278	34.145	18/09/2023 8:57
2.275	34.145	18/09/2023 8:57
1.436	34.146	18/09/2023 8:57
2.280	34.145	18/09/2023 8:57
2.272	34.145	18/09/2023 8:57
1.436	34.145	18/09/2023 8:57
2.283	34.145	18/09/2023 8:57
2.279	34.145	18/09/2023 8:57
2.274	34.145	18/09/2023 8:57
2.271	34.145	18/09/2023 8:57
2.276	36.723	18/09/2023 8:57
2.301	34.145	18/09/2023 8:58
2.273	34.145	18/09/2023 8:59
2.295	36.723	18/09/2023 9:02
2.296	36.723	18/09/2023 9:05
2.269	36.723	18/09/2023 9:06
2.287	36.723	18/09/2023 9:06
2.285	36.723	18/09/2023 9:06
2.292	36.724	18/09/2023 9:11
2.296	36.723	18/09/2023 9:12
2.295	36.724	18/09/2023 9:12
2.296	36.724	18/09/2023 9:12
2.282	36.723	18/09/2023 9:13
2.294	36.723	18/09/2023 9:13
2.300	36.723	18/09/2023 9:13
2.268	36.723	18/09/2023 9:13
2.286	36.723	18/09/2023 9:13
2.295	36.723	18/09/2023 9:13
2.288	36.723	18/09/2023 9:13
2.281	36.723	18/09/2023 9:13
2.297	36.723	18/09/2023 9:13

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.289	36.723	18/09/2023 9:13
2.281	36.723	18/09/2023 9:14
1.436	34.146	18/09/2023 9:19
1.436	34.145	18/09/2023 9:19
2.284	36.723	18/09/2023 9:19
2.284	36.724	18/09/2023 9:20
2.284	36.709	18/09/2023 9:20
2.284	36.712	18/09/2023 9:20
2.284	36.715	18/09/2023 9:21
2.284	36.718	18/09/2023 9:21
2.284	36.724	18/09/2023 9:21
2.270	34.145	18/09/2023 9:23
2.049	36.723	18/09/2023 9:34
2.049	36.724	18/09/2023 9:35
2.277	34.146	18/09/2023 9:36
2.277	34.146	18/09/2023 9:36
2.298	34.146	18/09/2023 9:36
2.274	34.139	18/09/2023 9:37
2.274	34.139	18/09/2023 9:37
2.274	34.139	18/09/2023 9:37
2.275	34.139	18/09/2023 9:37
2.275	34.139	18/09/2023 9:37
2.275	34.146	18/09/2023 9:37
2.277	34.146	18/09/2023 9:40
2.293	36.724	18/09/2023 9:45
2.292	36.709	18/09/2023 9:49
2.285	36.724	18/09/2023 9:50
2.287	36.724	18/09/2023 9:52
2.276	36.724	18/09/2023 9:52
2.276	36.718	18/09/2023 9:52
2.276	36.715	18/09/2023 9:52
2.276	36.709	18/09/2023 9:52
2.276	36.712	18/09/2023 9:52
2.282	36.723	18/09/2023 9:54
2.281	36.724	18/09/2023 9:58
2.049	36.724	18/09/2023 9:58
2.292	36.723	18/09/2023 15:57
2.292	36.724	18/09/2023 15:57
2.292	36.724	18/09/2023 15:57
2.292	36.723	18/09/2023 18:30
2.292	36.724	18/09/2023 18:30
2.292	36.709	18/09/2023 18:52
2.292	36.712	18/09/2023 18:52
2.292	36.712	18/09/2023 18:52
2.292	36.709	18/09/2023 18:52
2.296	36.724	19/09/2023 8:30
2.295	36.728	19/09/2023 8:32

D3.3 AI4ED – Initial dataset to feed de AI Models

2.289	36.724	19/09/2023 8:33
2.292	36.724	19/09/2023 8:33
2.286	36.723	19/09/2023 8:33
2.286	36.723	19/09/2023 8:33
2.294	36.718	19/09/2023 8:39
2.294	36.724	19/09/2023 8:39
2.294	36.728	19/09/2023 8:39
2.274	34.145	19/09/2023 8:39
2.277	34.150	19/09/2023 8:41
2.273	34.150	19/09/2023 8:41
2.285	36.724	19/09/2023 8:43
2.292	36.715	19/09/2023 8:46
2.049	36.724	19/09/2023 8:47
2.292	36.709	19/09/2023 8:47
2.292	36.715	19/09/2023 8:48
2.292	36.718	19/09/2023 8:48
2.049	36.723	19/09/2023 8:49
2.049	36.723	19/09/2023 8:49
2.049	36.724	19/09/2023 8:49
2.049	36.728	19/09/2023 8:51
2.289	36.728	19/09/2023 8:53
2.282	36.728	19/09/2023 9:02
2.296	36.723	19/09/2023 9:02
2.274	34.145	19/09/2023 9:03
2.278	34.150	19/09/2023 9:11
2.273	34.150	19/09/2023 9:11
2.279	34.150	19/09/2023 9:11
2.279	34.150	19/09/2023 9:11
2.275	34.145	19/09/2023 9:42
2.294	36.728	19/09/2023 9:51
2.293	36.728	19/09/2023 10:22
2.292	36.728	19/09/2023 17:43
2.292	36.728	19/09/2023 17:43
2.295	36.723	19/09/2023 21:28
2.288	36.728	20/09/2023 19:03
2.288	36.718	20/09/2023 19:03
2.288	36.715	20/09/2023 19:03
1.436	34.150	21/09/2023 8:20
1.436	34.146	21/09/2023 8:49
1.436	34.145	21/09/2023 8:50
1.436	34.150	21/09/2023 9:07
2.276	36.728	22/09/2023 8:37
2.292	36.728	22/09/2023 12:36
2.292	36.728	22/09/2023 12:36
2.291	34.145	22/09/2023 12:38
2.298	34.145	22/09/2023 12:43
2.292	36.728	22/09/2023 13:41

D3.3 AI4ED – Initial dataset to feed de AI Models

2.278	34.126	22/09/2023 13:56
2.278	34.145	22/09/2023 13:57
2.270	34.145	22/09/2023 13:59
2.273	34.135	22/09/2023 17:11
2.273	34.145	22/09/2023 17:15
2.273	34.145	22/09/2023 17:41
2.292	36.709	22/09/2023 23:13
2.292	36.709	22/09/2023 23:14
2.292	36.709	22/09/2023 23:35
2.292	36.709	23/09/2023 22:16
2.292	36.712	23/09/2023 22:16
2.292	36.715	23/09/2023 23:01
2.292	36.718	23/09/2023 23:52
2.292	36.723	24/09/2023 0:46
2.292	36.724	24/09/2023 0:46
2.292	36.718	24/09/2023 0:49
2.281	36.712	25/09/2023 9:22
2.281	36.723	25/09/2023 9:23
2.277	34.167	25/09/2023 9:52
1.436	34.167	25/09/2023 20:41
2.292	36.718	25/09/2023 22:13
2.299	36.728	26/09/2023 8:53
2.295	36.743	26/09/2023 8:53
2.284	36.743	26/09/2023 8:54
2.268	36.743	26/09/2023 8:54
2.269	36.743	26/09/2023 8:54
2.289	36.743	26/09/2023 9:01
2.276	36.743	26/09/2023 13:01
1.436	34.167	27/09/2023 14:50
1.436	34.150	27/09/2023 20:13
1.436	34.167	27/09/2023 20:44
2.292	36.743	28/09/2023 10:44
2.292	36.743	28/09/2023 11:29
2.292	36.743	28/09/2023 19:33
2.288	36.743	28/09/2023 21:45
2.288	36.743	29/09/2023 12:05
1.436	34.179	29/09/2023 12:51
1.436	34.179	29/09/2023 12:53
2.298	34.179	29/09/2023 13:01
2.277	34.179	29/09/2023 13:02
2.271	34.179	29/09/2023 13:02
2.292	36.751	29/09/2023 13:04
2.274	34.179	29/09/2023 13:05
2.281	36.751	29/09/2023 13:06
2.272	34.179	29/09/2023 13:46
2.294	36.751	29/09/2023 19:38
2.294	36.743	29/09/2023 19:38

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.275	34.179	30/09/2023 17:36
2.275	34.179	30/09/2023 18:59
2.271	34.126	01/10/2023 9:54
2.271	34.129	01/10/2023 10:33
2.271	34.135	01/10/2023 10:42
2.271	34.139	01/10/2023 11:11
2.271	34.145	01/10/2023 12:14
2.271	34.146	01/10/2023 12:14
2.271	34.150	01/10/2023 12:57
2.275	34.179	01/10/2023 15:13
2.271	34.167	01/10/2023 16:21
2.271	34.167	01/10/2023 17:00
2.271	34.179	01/10/2023 18:01
2.283	34.126	01/10/2023 18:08
2.277	34.126	01/10/2023 18:32
2.277	34.135	01/10/2023 18:34
2.277	34.139	01/10/2023 18:40
2.277	34.150	01/10/2023 18:43
2.277	34.167	01/10/2023 18:46
2.271	34.129	01/10/2023 18:54
2.288	36.751	01/10/2023 20:55
2.292	36.751	01/10/2023 21:02
2.292	36.751	01/10/2023 21:07
2.301	34.129	01/10/2023 22:58
2.291	34.129	01/10/2023 23:38
2.291	34.146	01/10/2023 23:44
2.291	34.150	01/10/2023 23:51
2.291	34.179	02/10/2023 0:17
2.271	34.179	02/10/2023 7:53
2.271	34.129	02/10/2023 8:19
2.286	36.751	02/10/2023 8:20
2.292	36.715	02/10/2023 8:47
2.295	36.723	02/10/2023 8:56
2.289	36.751	02/10/2023 9:13
2.277	34.167	02/10/2023 14:16
1.436	34.179	02/10/2023 15:45
2.279	34.150	03/10/2023 9:10
2.276	36.751	03/10/2023 9:20
2.271	34.179	03/10/2023 22:38
1.436	34.179	04/10/2023 12:37
2.291	34.129	06/10/2023 9:09
2.301	34.129	06/10/2023 9:10
2.268	36.751	06/10/2023 12:33
2.268	36.743	06/10/2023 12:33
2.268	36.728	06/10/2023 12:33
2.268	36.769	06/10/2023 12:33
2.285	36.769	06/10/2023 12:34

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.292	36.769	06/10/2023 12:34
2.278	34.195	06/10/2023 12:34
2.293	36.773	06/10/2023 12:34
2.270	34.195	06/10/2023 12:35
2.282	36.773	06/10/2023 12:35
2.286	36.773	06/10/2023 12:36
2.282	36.770	06/10/2023 12:36
2.282	36.773	06/10/2023 12:36
2.298	34.195	06/10/2023 12:37
2.278	34.188	06/10/2023 12:37
2.301	34.188	06/10/2023 12:37
2.290	34.188	06/10/2023 12:37
2.291	34.188	06/10/2023 12:37
2.279	34.188	06/10/2023 12:38
2.290	34.188	06/10/2023 12:38
2.277	34.188	06/10/2023 12:39
2.275	34.129	06/10/2023 12:39
2.047	34.188	06/10/2023 12:39
2.275	34.188	06/10/2023 12:42
2.273	34.188	06/10/2023 12:42
2.283	34.195	06/10/2023 12:42
2.268	36.712	06/10/2023 12:43
2.268	36.712	06/10/2023 12:43
2.268	36.709	06/10/2023 12:43
2.268	36.712	06/10/2023 12:43
2.287	36.769	06/10/2023 12:43
2.268	36.724	06/10/2023 12:43
2.283	34.196	06/10/2023 12:43
2.295	36.762	06/10/2023 12:43
2.286	36.769	06/10/2023 12:43
2.288	36.762	06/10/2023 12:43
2.278	34.191	06/10/2023 12:46
2.292	36.762	06/10/2023 12:46
2.270	34.191	06/10/2023 12:46
2.275	34.188	06/10/2023 12:46
2.290	34.191	06/10/2023 12:46
2.291	34.191	06/10/2023 12:46
2.275	34.191	06/10/2023 12:46
2.271	34.191	06/10/2023 12:46
2.279	34.191	06/10/2023 12:46
2.280	34.191	06/10/2023 12:46
2.283	34.191	06/10/2023 12:47
2.301	34.191	06/10/2023 12:47
2.269	36.762	06/10/2023 12:48
2.275	34.191	06/10/2023 12:48
2.047	34.191	06/10/2023 12:49
2.047	34.191	06/10/2023 12:50

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.298	34.191	06/10/2023 12:50
2.273	34.191	06/10/2023 12:51
2.270	34.199	06/10/2023 12:51
2.292	36.769	06/10/2023 12:52
2.292	36.773	06/10/2023 12:52
2.277	34.191	06/10/2023 12:52
2.271	34.188	06/10/2023 12:53
2.293	36.762	06/10/2023 12:55
2.281	36.769	06/10/2023 13:00
2.294	36.769	06/10/2023 13:02
2.281	36.762	06/10/2023 13:02
2.277	34.188	06/10/2023 13:03
2.277	34.194	06/10/2023 13:03
2.288	36.765	06/10/2023 13:04
2.292	36.765	06/10/2023 13:04
2.269	36.765	06/10/2023 13:04
2.279	34.191	06/10/2023 13:05
2.295	36.765	06/10/2023 13:05
2.272	34.188	06/10/2023 13:05
2.293	36.765	06/10/2023 13:05
2.272	34.191	06/10/2023 13:05
2.281	36.765	06/10/2023 13:05
2.293	36.765	06/10/2023 13:07
2.275	34.191	06/10/2023 13:07
2.270	34.191	06/10/2023 13:11
2.296	36.762	06/10/2023 13:12
2.296	36.765	06/10/2023 13:12
2.268	36.768	06/10/2023 13:15
2.286	36.768	06/10/2023 13:19
2.294	36.762	06/10/2023 13:20
2.289	36.762	06/10/2023 13:20
2.289	36.765	06/10/2023 13:20
2.294	36.765	06/10/2023 13:21
2.295	36.765	06/10/2023 13:21
2.295	36.762	06/10/2023 13:21
2.294	36.765	06/10/2023 13:23
2.284	36.769	06/10/2023 13:24
2.284	36.765	06/10/2023 13:25
2.268	36.765	06/10/2023 13:25
2.283	34.191	06/10/2023 13:27
2.268	36.765	06/10/2023 13:33
2.292	36.769	07/10/2023 20:11
2.292	36.762	07/10/2023 20:12
2.292	36.765	07/10/2023 20:12
2.292	36.772	07/10/2023 20:13
2.275	34.194	09/10/2023 0:31
2.286	36.775	09/10/2023 8:31

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.290	34.201	09/10/2023 8:32
2.277	34.201	09/10/2023 8:32
2.283	34.201	09/10/2023 8:32
2.287	36.770	09/10/2023 8:32
2.277	34.201	09/10/2023 8:32
2.293	36.775	09/10/2023 8:32
2.292	36.762	09/10/2023 8:32
2.273	34.201	09/10/2023 8:32
2.296	36.775	09/10/2023 8:33
2.279	34.201	09/10/2023 8:33
2.298	34.195	09/10/2023 8:33
2.280	34.201	09/10/2023 8:33
2.269	36.775	09/10/2023 8:33
2.292	36.775	09/10/2023 8:33
2.269	36.775	09/10/2023 8:34
2.297	36.769	09/10/2023 8:34
2.282	36.775	09/10/2023 8:34
2.278	34.201	09/10/2023 8:34
2.270	34.188	09/10/2023 8:36
2.288	36.775	09/10/2023 8:36
2.277	34.201	09/10/2023 8:36
2.270	34.201	09/10/2023 8:36
2.295	36.775	09/10/2023 8:36
2.298	34.203	09/10/2023 8:36
2.298	34.201	09/10/2023 8:36
2.291	34.201	09/10/2023 8:38
2.277	34.201	09/10/2023 8:38
2.277	34.195	09/10/2023 8:38
2.277	34.196	09/10/2023 8:38
2.277	34.198	09/10/2023 8:38
2.277	34.199	09/10/2023 8:38
2.283	34.201	09/10/2023 8:38
2.290	34.201	09/10/2023 8:38
2.301	34.195	09/10/2023 8:38
2.279	34.203	09/10/2023 8:39
2.283	34.203	09/10/2023 8:39
2.273	34.203	09/10/2023 8:39
2.274	34.196	09/10/2023 8:39
2.301	34.196	09/10/2023 8:39
2.278	34.203	09/10/2023 8:39
2.290	34.203	09/10/2023 8:39
2.272	34.201	09/10/2023 8:40
2.268	36.769	09/10/2023 8:41
2.294	36.762	09/10/2023 8:41
2.294	36.775	09/10/2023 8:41
2.268	36.775	09/10/2023 8:41
2.294	36.775	09/10/2023 8:41

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.288	36.775	09/10/2023 8:41
2.294	36.775	09/10/2023 8:41
2.281	36.762	09/10/2023 8:41
2.268	36.775	09/10/2023 8:42
2.294	36.775	09/10/2023 8:42
2.281	36.775	09/10/2023 8:42
2.300	36.762	09/10/2023 8:42
2.277	34.203	09/10/2023 8:42
2.300	36.775	09/10/2023 8:42
2.292	36.775	09/10/2023 8:42
2.300	36.775	09/10/2023 8:43
2.284	36.775	09/10/2023 8:43
2.277	34.203	09/10/2023 8:45
2.296	36.775	09/10/2023 8:46
2.270	34.203	09/10/2023 8:46
2.272	34.201	09/10/2023 8:46
2.270	34.201	09/10/2023 8:48
2.270	34.201	09/10/2023 8:49
2.272	34.203	09/10/2023 8:49
2.274	34.199	09/10/2023 8:49
2.274	34.199	09/10/2023 8:49
2.281	36.775	09/10/2023 8:50
2.274	34.199	09/10/2023 8:50
2.274	34.196	09/10/2023 8:51
2.274	34.199	09/10/2023 8:51
2.272	34.201	09/10/2023 8:55
2.283	34.203	09/10/2023 8:55
2.283	34.201	09/10/2023 8:55
2.285	36.770	09/10/2023 8:57
2.285	36.773	09/10/2023 8:58
2.285	36.772	09/10/2023 8:58
2.285	36.769	09/10/2023 8:58
2.049	36.775	09/10/2023 9:00
2.291	34.203	09/10/2023 9:01
2.291	34.201	09/10/2023 9:01
2.287	36.775	09/10/2023 9:08
2.276	36.775	09/10/2023 9:13
2.276	36.775	09/10/2023 9:13
2.300	36.775	09/10/2023 9:35
2.277	34.203	09/10/2023 9:44
2.297	36.770	09/10/2023 9:51
2.275	34.195	09/10/2023 10:53
2.281	36.775	09/10/2023 21:00
2.293	36.782	10/10/2023 8:32
2.296	36.782	10/10/2023 8:32
2.295	36.782	10/10/2023 8:33
2.294	36.782	10/10/2023 8:34

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.294	36.782	10/10/2023 8:34
2.268	36.775	10/10/2023 8:34
2.268	36.782	10/10/2023 8:34
2.279	34.208	10/10/2023 8:34
2.283	34.208	10/10/2023 8:34
2.273	34.208	10/10/2023 8:35
2.275	34.208	10/10/2023 8:35
2.290	34.208	10/10/2023 8:35
2.278	34.208	10/10/2023 8:35
2.269	36.782	10/10/2023 8:35
2.287	36.782	10/10/2023 8:36
2.298	34.208	10/10/2023 8:36
2.271	34.208	10/10/2023 8:36
2.300	36.782	10/10/2023 8:36
2.288	36.782	10/10/2023 8:36
2.286	36.782	10/10/2023 8:36
2.291	34.208	10/10/2023 8:37
2.277	34.208	10/10/2023 8:37
2.292	36.775	10/10/2023 8:37
2.292	36.782	10/10/2023 8:37
2.274	34.208	10/10/2023 8:37
2.271	34.203	10/10/2023 8:38
2.049	36.782	10/10/2023 8:42
2.276	36.782	10/10/2023 8:44
2.276	36.782	10/10/2023 8:44
2.285	36.762	10/10/2023 8:47
2.298	34.208	10/10/2023 8:47
2.285	36.782	10/10/2023 8:47
2.270	34.208	10/10/2023 8:50
2.275	34.208	10/10/2023 8:51
2.285	36.782	10/10/2023 8:53
2.297	36.782	10/10/2023 8:56
2.269	36.782	10/10/2023 8:58
2.274	34.203	10/10/2023 8:59
2.281	36.782	10/10/2023 9:15
1.436	34.198	10/10/2023 9:18
1.436	34.195	10/10/2023 9:18
1.436	34.199	10/10/2023 9:19
2.268	36.782	10/10/2023 9:24
2.282	36.782	10/10/2023 9:25
2.277	34.208	10/10/2023 9:31
2.281	36.782	10/10/2023 10:05
2.293	36.789	16/10/2023 8:33
2.268	36.775	16/10/2023 8:34
2.300	36.789	16/10/2023 8:34
2.279	34.215	16/10/2023 8:34
2.283	34.215	16/10/2023 8:34

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.278	34.215	16/10/2023 8:34
2.298	34.216	16/10/2023 8:34
2.272	34.215	16/10/2023 8:34
2.298	34.215	16/10/2023 8:34
2.273	34.215	16/10/2023 8:34
2.268	36.789	16/10/2023 8:35
2.270	34.216	16/10/2023 8:35
2.270	34.215	16/10/2023 8:35
2.286	36.789	16/10/2023 8:35
2.294	36.789	16/10/2023 8:36
1.436	34.215	16/10/2023 8:36
2.294	36.789	16/10/2023 8:36
2.269	36.789	16/10/2023 8:36
2.292	36.798	16/10/2023 8:36
2.295	36.789	16/10/2023 8:36
2.268	36.789	16/10/2023 8:39
1.436	34.215	16/10/2023 8:39
2.292	36.798	16/10/2023 8:39
2.292	36.798	16/10/2023 8:39
2.292	36.782	16/10/2023 8:39
2.292	36.782	16/10/2023 8:39
2.292	36.782	16/10/2023 8:39
1.436	34.220	16/10/2023 8:40
2.278	34.220	16/10/2023 8:40
2.282	36.789	16/10/2023 8:40
2.283	34.220	16/10/2023 8:40
2.272	34.220	16/10/2023 8:40
2.298	34.220	16/10/2023 8:40
2.279	34.220	16/10/2023 8:40
2.288	36.789	16/10/2023 8:41
2.281	36.789	16/10/2023 8:41
2.292	36.789	16/10/2023 8:43
2.298	34.224	16/10/2023 8:44
2.283	34.224	16/10/2023 8:44
2.280	34.224	16/10/2023 8:44
2.273	34.224	16/10/2023 8:44
2.272	34.224	16/10/2023 8:44
2.278	34.224	16/10/2023 8:44
2.278	34.226	16/10/2023 8:44
1.436	34.224	16/10/2023 8:44
2.291	34.224	16/10/2023 8:44
2.293	36.794	16/10/2023 8:45
2.275	34.215	16/10/2023 8:46
2.275	34.220	16/10/2023 8:46
2.268	36.794	16/10/2023 8:47
2.275	34.224	16/10/2023 8:47
2.281	36.794	16/10/2023 8:47

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.300	36.794	16/10/2023 8:47
2.286	36.795	16/10/2023 8:47
2.292	36.794	16/10/2023 8:47
2.294	36.794	16/10/2023 8:47
2.269	36.794	16/10/2023 8:47
2.269	36.794	16/10/2023 8:47
2.286	36.794	16/10/2023 8:48
2.295	36.798	16/10/2023 8:48
2.296	36.794	16/10/2023 8:48
2.295	36.794	16/10/2023 8:48
2.276	36.800	16/10/2023 8:51
2.276	36.794	16/10/2023 8:51
2.276	36.794	16/10/2023 8:51
2.283	34.226	16/10/2023 8:52
2.279	34.226	16/10/2023 8:52
2.275	34.226	16/10/2023 8:52
2.298	34.226	16/10/2023 8:52
1.436	34.226	16/10/2023 8:54
2.286	36.798	16/10/2023 8:56
2.295	36.798	16/10/2023 8:56
2.279	34.226	16/10/2023 8:58
2.273	34.226	16/10/2023 8:58
2.279	34.224	16/10/2023 8:58
2.269	36.798	16/10/2023 8:59
2.276	36.795	16/10/2023 9:01
2.276	36.798	16/10/2023 9:01
2.276	36.798	16/10/2023 9:01
2.300	36.798	16/10/2023 9:01
2.281	36.794	16/10/2023 9:04
2.281	36.798	16/10/2023 9:04
2.279	34.215	16/10/2023 9:05
2.292	36.798	16/10/2023 9:09
2.282	36.798	16/10/2023 9:09
2.296	36.798	16/10/2023 9:11
2.301	34.224	16/10/2023 9:12
2.279	34.220	16/10/2023 9:12
2.280	34.224	16/10/2023 9:12
2.280	34.226	16/10/2023 9:13
2.278	34.226	16/10/2023 9:13
2.278	34.224	16/10/2023 9:13
2.274	34.224	16/10/2023 9:15
2.282	36.798	16/10/2023 9:28
2.272	34.188	16/10/2023 9:35
2.272	34.201	16/10/2023 9:35
2.272	34.203	16/10/2023 9:36
2.272	34.191	16/10/2023 9:36
2.270	34.201	16/10/2023 9:36

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.278	34.220	16/10/2023 9:37
2.292	36.798	16/10/2023 9:37
2.278	34.215	16/10/2023 9:37
2.300	36.800	16/10/2023 9:38
2.295	36.800	16/10/2023 9:38
2.268	36.800	16/10/2023 9:38
2.288	36.800	16/10/2023 9:40
2.296	36.800	16/10/2023 9:41
2.280	34.201	16/10/2023 9:42
2.273	34.215	16/10/2023 9:42
2.280	34.208	16/10/2023 9:42
2.272	34.215	16/10/2023 9:42
2.272	34.224	16/10/2023 9:43
2.298	34.208	16/10/2023 9:43
2.272	34.226	16/10/2023 9:44
2.298	34.201	16/10/2023 9:44
2.274	34.208	16/10/2023 9:45
2.272	34.201	16/10/2023 9:46
2.272	34.203	16/10/2023 9:46
2.272	34.208	16/10/2023 9:46
2.280	34.201	16/10/2023 9:48
2.292	36.800	16/10/2023 9:51
2.274	34.226	16/10/2023 9:52
2.274	34.226	16/10/2023 9:52
2.274	34.208	16/10/2023 9:53
2.276	36.800	16/10/2023 9:54
2.274	34.215	16/10/2023 9:54
2.276	36.800	16/10/2023 9:54
2.274	34.220	16/10/2023 9:55
2.274	34.226	16/10/2023 9:55
2.275	34.201	16/10/2023 10:00
2.279	34.224	16/10/2023 10:02
2.276	36.800	16/10/2023 10:06
2.298	34.226	16/10/2023 10:13
1.436	34.220	16/10/2023 19:06
1.436	34.196	16/10/2023 19:06
2.290	34.201	16/10/2023 19:07
1.436	34.215	16/10/2023 19:08
2.290	34.211	16/10/2023 19:08
1.436	34.220	16/10/2023 19:09
2.290	34.215	16/10/2023 19:51
2.290	34.220	16/10/2023 19:56
2.277	34.215	16/10/2023 21:58
2.277	34.215	16/10/2023 21:58
2.277	34.215	16/10/2023 22:00
2.276	36.797	17/10/2023 8:33
2.300	36.794	17/10/2023 8:33

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.278	34.223	17/10/2023 8:33
2.278	34.225	17/10/2023 8:33
2.278	34.225	17/10/2023 8:33
2.300	36.800	17/10/2023 8:33
2.300	36.797	17/10/2023 8:33
2.290	34.220	17/10/2023 8:34
2.296	36.794	17/10/2023 8:35
2.290	34.223	17/10/2023 8:35
2.279	34.226	17/10/2023 8:36
2.296	36.797	17/10/2023 8:36
2.298	34.223	17/10/2023 8:37
2.293	36.797	17/10/2023 8:37
2.293	36.799	17/10/2023 8:40
2.276	36.797	17/10/2023 8:40
2.276	36.799	17/10/2023 8:40
2.298	34.225	17/10/2023 8:41
2.290	34.225	17/10/2023 8:41
2.279	34.226	17/10/2023 8:46
2.271	34.199	17/10/2023 9:07
2.271	34.188	17/10/2023 9:07
2.271	34.188	17/10/2023 9:08
2.272	34.226	17/10/2023 9:23
2.284	36.769	17/10/2023 9:23
2.279	34.220	17/10/2023 9:24
2.279	34.201	17/10/2023 9:29
2.272	34.224	17/10/2023 9:39
2.271	34.232	17/10/2023 9:41
2.272	34.224	17/10/2023 9:45
2.272	34.226	17/10/2023 9:48
2.272	34.224	17/10/2023 9:48
2.268	36.798	17/10/2023 9:54
2.298	34.224	17/10/2023 10:08
2.271	34.215	17/10/2023 10:20
2.275	34.223	17/10/2023 10:29
2.275	34.225	17/10/2023 10:29
2.282	36.800	17/10/2023 10:35
2.296	36.770	17/10/2023 12:42
2.277	34.211	17/10/2023 19:41
2.277	34.211	17/10/2023 19:53
2.277	34.216	17/10/2023 19:53
2.277	34.215	17/10/2023 20:01
2.277	34.216	17/10/2023 20:01
2.277	34.215	17/10/2023 20:07
2.277	34.220	17/10/2023 21:16
2.277	34.221	17/10/2023 21:18
2.277	34.221	17/10/2023 21:18
2.277	34.224	17/10/2023 21:18

D3.3 AI4ED – Initial dataset to feed de AI Models

2.277	34.226	17/10/2023 21:46
2.277	34.224	17/10/2023 21:48
2.277	34.223	17/10/2023 21:52
2.277	34.223	17/10/2023 21:54
2.277	34.225	17/10/2023 21:54
2.277	34.232	17/10/2023 21:56
2.277	34.226	18/10/2023 16:49
2.277	34.224	18/10/2023 17:00
2.277	34.226	18/10/2023 17:00
2.277	34.201	18/10/2023 17:46
2.277	34.208	18/10/2023 17:47
2.290	34.220	18/10/2023 18:20
2.279	34.224	18/10/2023 18:55
2.279	34.226	18/10/2023 18:56
2.290	34.226	18/10/2023 19:01
2.275	34.203	18/10/2023 22:55
2.275	34.220	18/10/2023 22:58
2.275	34.215	18/10/2023 22:59
2.049	36.769	19/10/2023 14:22
2.049	36.770	19/10/2023 14:23
2.282	36.813	20/10/2023 12:41
2.282	36.782	20/10/2023 12:41
2.292	36.782	20/10/2023 12:45
2.292	36.762	20/10/2023 12:46
2.275	34.208	20/10/2023 12:46
2.292	36.769	20/10/2023 12:46
2.291	34.188	20/10/2023 12:47
2.292	36.770	20/10/2023 12:48
2.291	34.195	20/10/2023 12:48
2.291	34.196	20/10/2023 12:48
2.292	36.773	20/10/2023 12:49
2.292	36.762	20/10/2023 12:49
2.291	34.201	20/10/2023 12:49
2.291	34.195	20/10/2023 12:49
2.292	36.775	20/10/2023 12:50
2.292	36.782	20/10/2023 12:50
2.295	36.806	20/10/2023 12:56
2.277	34.239	20/10/2023 13:02
2.294	36.813	20/10/2023 13:02
2.295	36.813	20/10/2023 13:02
2.294	36.813	20/10/2023 13:02
2.268	36.813	20/10/2023 13:03
2.278	34.239	20/10/2023 13:03
2.275	34.239	20/10/2023 13:03
2.281	36.813	20/10/2023 13:03
2.273	34.239	20/10/2023 13:04
2.271	34.239	20/10/2023 13:04

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.291	34.239	20/10/2023 13:04
2.292	36.813	20/10/2023 13:04
2.286	36.813	20/10/2023 13:09
2.269	36.813	20/10/2023 13:09
2.292	36.813	20/10/2023 13:11
2.288	36.813	20/10/2023 13:11
2.288	36.813	20/10/2023 13:36
2.277	34.239	20/10/2023 13:39
2.278	34.239	20/10/2023 13:40
2.280	34.239	20/10/2023 13:40
2.292	36.813	20/10/2023 13:47
2.301	34.239	20/10/2023 13:47
2.301	34.239	20/10/2023 13:47
2.274	34.239	20/10/2023 13:47
2.298	34.239	20/10/2023 13:47
2.277	34.208	20/10/2023 14:04
2.277	34.188	20/10/2023 14:05
2.298	34.223	20/10/2023 14:05
2.277	34.225	20/10/2023 14:06
2.298	34.225	20/10/2023 14:06
2.277	34.223	20/10/2023 14:07
2.277	34.215	20/10/2023 14:07
2.277	34.208	20/10/2023 14:07
2.298	34.224	20/10/2023 14:08
2.298	34.226	20/10/2023 14:08
2.298	34.225	20/10/2023 14:08
2.292	36.769	20/10/2023 17:11
2.292	36.770	20/10/2023 17:13
2.292	36.769	20/10/2023 17:15
2.292	36.770	20/10/2023 17:15
2.292	36.772	20/10/2023 17:15
2.292	36.773	20/10/2023 17:15
2.292	36.773	20/10/2023 17:15
2.269	36.709	20/10/2023 18:21
2.269	36.715	20/10/2023 18:21
2.269	36.718	20/10/2023 18:21
2.269	36.724	20/10/2023 18:21
2.269	36.718	20/10/2023 18:21
2.269	36.715	20/10/2023 18:21
2.269	36.724	20/10/2023 18:22
2.269	36.728	20/10/2023 18:22
2.269	36.743	20/10/2023 18:22
2.269	36.751	20/10/2023 18:22
2.269	36.772	20/10/2023 18:22
2.292	36.762	20/10/2023 18:31
2.292	36.765	20/10/2023 18:31
2.292	36.762	20/10/2023 18:33

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.292	36.768	20/10/2023 18:36
2.292	36.765	20/10/2023 18:46
2.292	36.775	20/10/2023 18:49
2.292	36.762	20/10/2023 23:55
2.292	36.775	20/10/2023 23:59
2.292	36.775	20/10/2023 23:59
2.298	34.239	21/10/2023 17:31
2.298	34.196	21/10/2023 18:14
2.292	36.782	22/10/2023 10:21
2.292	36.785	22/10/2023 12:00
2.292	36.790	22/10/2023 12:00
2.292	36.813	22/10/2023 12:01
2.292	36.806	22/10/2023 12:03
2.292	36.806	22/10/2023 12:04
2.292	36.813	22/10/2023 15:33
2.273	34.239	22/10/2023 16:44
2.292	36.813	22/10/2023 16:49
2.292	36.813	22/10/2023 18:46
2.292	36.813	22/10/2023 18:47
2.271	34.194	22/10/2023 20:45
2.271	34.198	22/10/2023 20:57
2.271	34.194	22/10/2023 20:57
2.271	34.211	22/10/2023 20:57
2.271	34.216	22/10/2023 20:57
2.271	34.221	22/10/2023 20:58
2.271	34.232	22/10/2023 20:58
2.301	34.196	22/10/2023 21:30
2.271	34.198	22/10/2023 22:03
2.271	34.223	22/10/2023 23:12
2.271	34.225	22/10/2023 23:13
2.300	36.813	23/10/2023 8:35
2.296	36.813	23/10/2023 8:35
2.295	36.813	23/10/2023 8:36
2.295	36.813	23/10/2023 8:37
2.268	36.813	23/10/2023 8:37
2.300	36.813	23/10/2023 8:41
2.292	36.813	23/10/2023 8:41
2.270	34.239	23/10/2023 8:42
2.270	34.239	23/10/2023 8:42
2.286	36.813	23/10/2023 8:51
2.296	36.800	23/10/2023 8:51
2.286	36.813	23/10/2023 8:51
2.296	36.813	23/10/2023 8:52
2.287	36.813	23/10/2023 9:04
2.287	36.813	23/10/2023 9:13
2.286	36.813	23/10/2023 9:20
2.292	36.813	23/10/2023 9:33

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.280	34.239	23/10/2023 9:37
2.301	34.196	23/10/2023 9:38
2.298	34.196	23/10/2023 9:40
2.295	36.806	23/10/2023 9:52
2.301	34.196	23/10/2023 10:09

6 Content Activity Dataset

This Table 6 displays the ID for each available content in Moodle (“id_content”) and the corresponding ID for each activity within Moodle (“id_activity”).

Table 6 - Content activity dataset

id_content	id_activity
34.129	10.762
34.126	10.762
34.188	9.663
34.191	9.663
34.201	9.663
34.203	9.663
34.194	9.663
34.195	10.763
34.196	10.763
34.198	10.763
34.199	10.763
34.208	11.136
34.215	11.136
34.220	11.136
34.223	11.136
34.224	11.136
34.225	11.136
34.226	11.136
34.211	11.136
34.216	11.136
34.221	11.136
34.239	9.666
34.239	9.667
34.254	11.142
34.256	11.142
34.264	9.665
34.264	9.668
34.264	9.672
34.264	9.674
34.264	9.675
34.264	9.676
34.264	9.677
34.270	9.665
34.270	9.668
34.270	9.672
34.270	9.674

D3.3 AI4ED – Initial dataset to feed de AI Models

34.270	9.675
34.270	9.676
34.270	9.677
34.292	9.665
34.292	9.668
34.292	9.672
34.292	9.674
34.292	9.675
34.292	9.676
34.292	9.677
34.265	9.665
34.265	9.668
34.265	9.672
34.265	9.674
34.265	9.675
34.265	9.676
34.265	9.677
34.271	9.665
34.271	9.668
34.271	9.672
34.271	9.674
34.271	9.675
34.271	9.676
34.271	9.677
34.316	9.679
34.317	9.679
34.320	9.679
34.322	9.679
34.326	9.679
34.332	9.679
34.336	9.679
34.337	9.679
34.314	9.679
34.315	9.679
34.319	9.679
34.321	9.679
34.325	9.679
34.331	9.679
34.335	9.679
36.762	10.873
36.765	10.873
36.775	10.873
36.768	10.873
36.782	11.138
36.789	11.138
36.794	11.138
36.797	11.138

D3.3 AI4Ed – Initial dataset to feed de AI Models

36.798	11.138
36.799	11.138
36.800	11.138
36.785	11.138
36.790	11.138
36.795	11.138
36.813	11.147
36.813	11.148
36.828	10.875
36.828	10.876
36.828	10.877
36.828	10.878
36.828	10.882
36.828	10.884
36.828	10.885
36.828	10.886
36.828	10.887
36.838	10.875
36.838	10.876
36.838	10.877
36.838	10.878
36.838	10.882
36.838	10.884
36.838	10.885
36.838	10.886
36.838	10.887
36.844	10.875
36.844	10.876
36.844	10.877
36.844	10.878
36.844	10.882
36.844	10.884
36.844	10.885
36.844	10.886
36.844	10.887
36.865	10.875
36.865	10.876
36.865	10.877
36.865	10.878
36.865	10.882
36.865	10.884
36.865	10.885
36.865	10.886
36.865	10.887
36.830	10.875
36.830	10.876
36.830	10.877

D3.3 AI4ED – Initial dataset to feed de AI Models

36.830	10.878
36.830	10.882
36.830	10.884
36.830	10.885
36.830	10.886
36.830	10.887
36.839	10.875
36.839	10.876
36.839	10.877
36.839	10.878
36.839	10.882
36.839	10.884
36.839	10.885
36.839	10.886
36.839	10.887
36.845	10.875
36.845	10.876
36.845	10.877
36.845	10.878
36.845	10.882
36.845	10.884
36.845	10.885
36.845	10.886
36.845	10.887
36.889	10.888
36.890	10.888
36.893	10.888
36.895	10.888
36.899	10.888
36.904	10.888
36.908	10.888
36.909	10.888
36.887	10.888
36.888	10.888
36.892	10.888
36.894	10.888
36.898	10.888
36.903	10.888
36.907	10.888
37.815	11.149
37.814	11.149
34.139	11.044
34.167	9.658
36.718	11.043
36.743	10.867
34.150	9.651
34.179	9.660

D3.3 AI4Ed – Initial dataset to feed de AI Models

34.179	9.662
34.232	9.664
36.728	10.861
36.751	10.869
36.751	10.870
36.806	10.874

AI4ED | GA n. 101087543



D3.3 AI4Ed – Initial dataset to feed de AI Models

[illegible]



D3.3 AI4Ed – Initial dataset to feed de AI Models

[illegible]



D3.3 AI4Ed – Initial dataset to feed de AI Models

[illegible]

AI4ED | GA n. 101087543



D3.3 AI4Ed – Initial dataset to feed de AI Models

[illegible]



D3.3 AI4Ed – Initial dataset to feed de AI Models

[illegible]

8 Grades Dataset

In Table 8, it is possible to find the following parameters: the student's ID (id_student), the performed activity's ID (id_activity), the grade achieved in that activity (grade), the number of attempts made (attempt), and the date when the evaluation had been done (date).

Table 8 - Grades dataset

id_student	id_activity	grade	attempt	date
1.436	9.651	10	1	05/10/2023
1.436	10.762	3	1	05/10/2023
1.436	11.044	10	1	05/10/2023
2.045	11.043	5,5	1	05/10/2023
2.049	10.856	10	1	06/10/2023
2.049	10.861	6	1	05/10/2023
2.049	10.864	10	1	05/10/2023
2.049	10.866	9	1	05/10/2023
2.049	10.867	6	1	05/10/2023
2.049	11.043	6	1	05/10/2023
2.067	10.856	4	1	06/10/2023
2.067	11.043	5,5	1	05/10/2023
2.071	11.043	5,5	1	05/10/2023
2.084	11.043	5,5	1	05/10/2023
2.268	10.856	7	1	06/10/2023
2.268	10.861	10	1	05/10/2023
2.268	10.864	10	1	05/10/2023
2.268	10.866	10	1	05/10/2023
2.268	10.867	5,5	1	05/10/2023
2.268	11.043	10	1	05/10/2023
2.269	10.856	10	1	06/10/2023
2.269	10.861	10	1	05/10/2023
2.269	10.864	10	1	05/10/2023
2.269	10.866	10	1	05/10/2023
2.269	10.867	5,5	1	05/10/2023
2.269	11.043	10	1	05/10/2023
2.270	9.651	10	1	05/10/2023
2.270	10.762	10	1	05/10/2023
2.270	11.044	10	1	05/10/2023
2.271	9.651	10	1	05/10/2023
2.271	10.762	10	1	05/10/2023
2.271	11.044	10	1	05/10/2023
2.272	9.651	10	1	05/10/2023
2.272	10.762	10	1	05/10/2023

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.272	11.044	10	1	05/10/2023
2.273	9.651	10	1	05/10/2023
2.273	10.762	10	1	05/10/2023
2.273	11.044	10	1	05/10/2023
2.274	9.651	10	1	05/10/2023
2.274	10.762	10	1	05/10/2023
2.274	11.044	10	1	05/10/2023
2.275	9.651	10	1	05/10/2023
2.275	10.762	10	1	05/10/2023
2.275	11.044	10	1	05/10/2023
2.276	10.856	9	1	06/10/2023
2.276	10.861	10	1	05/10/2023
2.276	10.864	10	1	05/10/2023
2.276	10.866	10	1	05/10/2023
2.276	10.867	7,5	1	05/10/2023
2.276	11.043	10	1	05/10/2023
2.277	9.651	10	1	05/10/2023
2.277	10.762	10	1	05/10/2023
2.277	11.044	10	1	05/10/2023
2.278	9.651	10	1	05/10/2023
2.278	10.762	10	1	05/10/2023
2.278	11.044	10	1	05/10/2023
2.279	9.651	10	1	05/10/2023
2.279	10.762	10	1	05/10/2023
2.279	11.044	10	1	05/10/2023
2.280	9.651	10	1	05/10/2023
2.280	10.762	10	1	05/10/2023
2.280	11.044	10	1	05/10/2023
2.281	10.856	9	1	06/10/2023
2.281	10.861	10	1	05/10/2023
2.281	10.864	10	1	05/10/2023
2.281	10.866	10	1	05/10/2023
2.281	10.867	7,5	1	05/10/2023
2.281	11.043	10	1	05/10/2023
2.282	10.856	10	1	06/10/2023
2.282	10.861	10	1	05/10/2023
2.282	10.864	10	1	05/10/2023
2.282	10.866	10	1	05/10/2023
2.282	10.867	5,5	1	05/10/2023
2.282	11.043	10	1	05/10/2023
2.283	9.651	10	1	05/10/2023
2.283	10.762	10	1	05/10/2023
2.283	11.044	10	1	05/10/2023
2.284	10.856	10	1	06/10/2023
2.284	10.861	6	1	05/10/2023
2.284	10.864	10	1	05/10/2023
2.284	10.866	9	1	05/10/2023

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.284	10.867	6	1	05/10/2023
2.284	11.043	6	1	05/10/2023
2.285	10.856	10	1	06/10/2023
2.285	10.861	10	1	05/10/2023
2.285	10.864	10	1	05/10/2023
2.285	10.866	10	1	05/10/2023
2.285	10.867	8	1	05/10/2023
2.285	11.043	7	1	05/10/2023
2.286	10.856	10	1	06/10/2023
2.286	10.861	9	1	05/10/2023
2.286	10.864	10	1	05/10/2023
2.286	10.866	10	1	05/10/2023
2.286	10.867	8	1	05/10/2023
2.286	11.043	10	1	05/10/2023
2.287	10.856	10	1	06/10/2023
2.287	10.861	10	1	05/10/2023
2.287	10.864	10	1	05/10/2023
2.287	10.866	10	1	05/10/2023
2.287	10.867	8	1	05/10/2023
2.287	11.043	7	1	05/10/2023
2.288	10.856	10	1	06/10/2023
2.288	10.861	10	1	05/10/2023
2.288	10.864	10	1	05/10/2023
2.288	10.866	10	1	05/10/2023
2.288	10.867	7,5	1	05/10/2023
2.288	11.043	10	1	05/10/2023
2.289	10.856	9	1	06/10/2023
2.289	10.861	10	1	05/10/2023
2.289	10.864	10	1	05/10/2023
2.289	10.866	10	1	05/10/2023
2.289	10.867	7,5	1	05/10/2023
2.289	11.043	10	1	05/10/2023
2.290	9.651	10	1	05/10/2023
2.290	10.762	10	1	05/10/2023
2.290	11.044	10	1	05/10/2023
2.291	9.651	10	1	05/10/2023
2.291	10.762	10	1	05/10/2023
2.291	11.044	10	1	05/10/2023
2.292	10.856	10	1	06/10/2023
2.292	10.861	10	1	05/10/2023
2.292	10.864	10	1	05/10/2023
2.292	10.866	10	1	05/10/2023
2.292	10.867	5,5	1	05/10/2023
2.292	11.043	10	1	05/10/2023
2.293	10.856	10	1	06/10/2023
2.293	10.861	9	1	05/10/2023
2.293	10.864	10	1	05/10/2023

D3.3 AI4Ed – Initial dataset to feed de AI Models

2.293	10.866	10	1	05/10/2023
2.293	10.867	8	1	05/10/2023
2.293	11.043	10	1	05/10/2023
2.294	10.856	2	1	06/10/2023
2.294	10.861	10	1	05/10/2023
2.294	10.864	10	1	05/10/2023
2.294	10.866	10	1	05/10/2023
2.294	10.867	8	1	05/10/2023
2.294	11.043	7	1	05/10/2023
2.295	10.856	10	1	06/10/2023
2.295	10.861	10	1	05/10/2023
2.295	10.864	10	1	05/10/2023
2.295	10.866	10	1	05/10/2023
2.295	10.867	8	1	05/10/2023
2.295	11.043	7	1	05/10/2023
2.296	10.856	10	1	06/10/2023
2.296	10.861	9	1	05/10/2023
2.296	10.864	10	1	05/10/2023
2.296	10.866	10	1	05/10/2023
2.296	10.867	8	1	05/10/2023
2.296	11.043	10	1	05/10/2023
2.297	10.856	9	1	06/10/2023
2.297	10.861	10	1	05/10/2023
2.297	10.864	10	1	05/10/2023
2.297	10.866	10	1	05/10/2023
2.297	10.867	7,5	1	05/10/2023
2.297	11.043	10	1	05/10/2023
2.298	9.651	10	1	05/10/2023
2.298	10.762	10	1	05/10/2023
2.298	11.044	10	1	05/10/2023
2.299	10.861	6	1	05/10/2023
2.299	10.864	10	1	05/10/2023
2.299	10.866	9	1	05/10/2023
2.299	10.867	6	1	05/10/2023
2.299	11.043	6	1	05/10/2023
2.300	10.856	10	1	06/10/2023
2.300	10.861	9	1	05/10/2023
2.300	10.864	10	1	05/10/2023
2.300	10.866	10	1	05/10/2023
2.300	10.867	8	1	05/10/2023
2.300	11.043	10	1	05/10/2023
2.301	9.651	10	1	05/10/2023
2.301	10.762	10	1	05/10/2023
2.301	11.044	10	1	05/10/2023

9 Student Satisfaction Dataset

In this Table 9, the parameters collected are derived from the satisfaction survey conducted at the end of the course. Several parameters are included:

- Student ID (id_student): the unique identifier for each student.
- Training action ID (id_training_action): the unique identifier for the specific training action.
- Expectations obtained in the training action (expectations_training_action): the fulfillment of expectations from the training action.
- Relevance of expectations (expectations_relevance): the significance or pertinence of the expectations.
- Knowledge provided (expectation_knowledge): the level of knowledge acquired.
- Practical expectations of the training action (expectations_practical): practical expectations from the training action.
- Expectations regarding the development of the training action (expectations_development): anticipated progress or evolution of the training action.
- Likelihood of recommendation (expectations_recommend): the probability of recommending the training action.
- Self-evaluation of student commitment (autoevaluation_commitment): the student's self-assessment of their commitment to the training action.
- Self-evaluation of time and effort devoted (autoevaluation_dedication_time and autoevaluation_dedication_effort): the student's self-assessment of time and effort invested.
- Responsibility and discipline demonstrated (autoevaluation_responsability and autoevaluation_discipline): the student's self-assessment of their level of responsibility and discipline.
- Self-evaluation of participation (autoevaluation_participation): the student's self-assessment of their level of participation.
- Self-evaluation of completion time for the training action (autoevaluation_time_to_finish): the student's self-assessment of the time taken to complete the training action.
- Relevance and structure of content (content_relevant and content_structure): the assessment of content relevance and structural coherence.

D3.3 AI4Ed – Initial dataset to feed de AI Models

- Adequacy of provided materials (content_materials): the suitability of the provided materials.
- Content reviews (content_reviews): feedback of the content.
- Content guidance and teacher support (content_guidance and content_trainer_support): assessment of guidance and support provided by the teacher.
- Toold and methods used for content delivery (content_tools_methods): evaluation of the tools and methods employed for content delivery.
- Received feedback (content_feedback): feedback received.
- Facilitation of feedback received (content_feedback_facilitate): the facilitation of received feedback.

Table 9 - Student satisfaction dataset

id_s tu de nt	id_t rai- nin g_a ctio n	expec- ta- tions_ trai- ning_a ction	ex- pec- ta- tions_ _re- le- vanc e	ex- pec- ta- tions_ kno- wledg de	ex- pec- ta- tions_ _pra ctical	ex- pec- ta- tions_ deve- lop- ment	ex- pec- ta- tions_ re- com- mend	auto- eva- lua- tion_ c ommit ment	auto- evalua- tion_ de dica- tion_ ti me	auto- evalua- tion_ de dica- tion_ ef- fort	auto- eval- tua- tion_ re spon- sability	auto- eval- tua- tion_ disci- pline	auto- eval- tua- tion_ p artici- pation	auto- eval- tua- tion_ ti me_ to _finish	con ten t_ r ele- van t	con tent _ str uc- ture	con tent _ m ate- rials	con ten t_ r evi ews	con tent _ gui dan ce	con- tent_ trai- ner_ s up- port	con- tent_ tools _ met hods	con tent _ fe edb ack	con- tent_ f eedba ck_ fa- cili- tate
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10 Subject Dataset

In this Table 10, the following information is provided: the ID of the subject taught in two languages (id), the ID of the training action (id_training_action), the name by which this subject is known in Moodle (name), the corresponding course of the training action (course), and the value that subject holds in the total course (percentage_out_of_total). In this case, since it has only been implemented in Computer Science, this value is 100 % (1).

Table 10 - Subject dataset

id	id_training_action	name	course	percentage_out_of_total
467	9	INFORMÁTICA 2023	1	1
468	9	INFORMATIKA_2023	1	1

II Training Action Dataset

In the next Table 11, the following information can be found: training action ID (id), the name of the training action (name), its type (type), and the duration in years (duration).

Table 11 - Training action dataset

id	name		type	duration
9	Prozesuen eta Produktuen Berrikuntzarako Gradua		undergraduate	4
24	Master en Digital Manufacturing		postgraduate	2

12 Conclusions

While it is evident that not all the data has been gathered, this is to be expected at this stage, as the project is still in process of data collection. Consequently, it can be inferred that artificial intelligences are in the process of amassing the essential information. This will subsequently undergo preprocessing and data handling to ultimately realize the project's final objective.