D4.3. BITE-SIZED COURSES FOR COMPETENCE AREA 1

DSW
DIGITAL SKILLS WALLET

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1 Courses developed

The Consortium developed a total of **130 short videos** for the development of *Competence Area 1.* It is noted that as per the application a total of 120 courses should be developed. More courses have been developed in order to cover adequately each Learning Outcome. As we are entering the phase of internal testing of the platform (Task 4.10) with actual content, the consortium may decide to further develop new courses or include relevant videos which are aligned with the Learning Outcomes.

Each Learning Outcome is covered by 1 ore more bite sized courses and each course is available in English language with captions in all the relevant language.

The courses are suggested to the users in various ways, for example If one tries to earn a micro-credential and fails the platform suggests relevant courses which provide the knowledge of the micro-credential. It is noted that users do not have the option to view all courses but for the purpose of this deliverable, we have prepared a link (hidden from the public) to showcase the work done

The link is https://dsw.app-host.eu/courses

Below is the list of courses and the corresponding URL on the Platform

Number	ID	COURSE TITLE	URL
1	583	Cloud Storage Synchronization	https://dsw.app-host.eu/courses/583
2	582	Synchronization in Cloud Storage	https://dsw.app-host.eu/courses/582
3	581	Organize Files Efficiently	https://dsw.app-host.eu/courses/581
4	580	Types of Storage solutions	https://dsw.app-host.eu/courses/580
5	579	Access information collected while working online	https://dsw.app-host.eu/courses/579
6	578	Security in Storage Solutions	https://dsw.app-host.eu/courses/578
7	577	Storage Solutions	https://dsw.app-host.eu/courses/577
8	576	Mobile Data Collection	https://dsw.app-host.eu/courses/576
9	575	Types of Mobile Data Collection	https://dsw.app-host.eu/courses/575

Number	ID	COURSE TITLE	URL
10	574	Save preferences and results	https://dsw.app-host.eu/courses/574
11	573	Digital Footprint	https://dsw.app-host.eu/courses/573
12	572	How AI learns	https://dsw.app-host.eu/courses/572
13	571	Digitization and Data Encoding	https://dsw.app-host.eu/courses/571
14	570	AI driven search engine	https://dsw.app-host.eu/courses/570
15	569	AI personalized responses	https://dsw.app-host.eu/courses/569
16	568	What is AI	https://dsw.app-host.eu/courses/568
17	567	SPSS	https://dsw.app-host.eu/courses/567
18	566	R-Studio	https://dsw.app-host.eu/courses/566
19	429	Introduction to Data Mining (pt. 2)	https://dsw.app-host.eu/courses/429
20	428	Introduction to Data Mining (pt. 1)	https://dsw.app-host.eu/courses/428
21	427	Data processing using DAX functions	https://dsw.app-host.eu/courses/427
22	426	Processing Data – Cleaning and Normalizing data with BI tools - part II	https://dsw.app-host.eu/courses/426
23	425	Processing Data – Cleaning and Normalizing data with BI tools - part I	https://dsw.app-host.eu/courses/425
24	424	Data transformation and visualization in a spreadsheet software	https://dsw.app-host.eu/courses/424
25	423	Visualizing Struct. Data from local or online Sources such as RSS or Google Analytics with BI Tools	https://dsw.app-host.eu/courses/423
26	422	Interacting with dynamic data visualization	https://dsw.app-host.eu/courses/422
27	421	Visualizing Structured Data from local or online database with Business Intelligence Tools - part II	https://dsw.app-host.eu/courses/421
28	420	Visualizing Structured Data from local or online database with Business Intelligence Tools - part I	https://dsw.app-host.eu/courses/420
29	419	Basic statistical procedures for data representation with visuals - part II	https://dsw.app-host.eu/courses/419
30	418	Basic statistical procedures for data representation with visuals - part I	https://dsw.app-host.eu/courses/418
31	417	Using online applications and apps and accessing stored data	https://dsw.app-host.eu/courses/417

Number	ID	COURSE TITLE	URL
32	416	Create solutions for complex problems using credible and reliable structured data sources	https://dsw.app-host.eu/courses/416
33	415	Create solutions to complex problems using credible and reliable information sources	https://dsw.app-host.eu/courses/415
34	414	Evaluating Structured Data from multiples files with Business Intelligence Tools	https://dsw.app-host.eu/courses/414
35	368	Evaluating Structured Data from multiple flat files with Power Pivot	https://dsw.app-host.eu/courses/368
36	367	Evaluating Structured Data with Pivot Tables	https://dsw.app-host.eu/courses/367
37	366	Tools available for Data analysis	https://dsw.app-host.eu/courses/366
38	349	Complying with laws and regulations	https://dsw.app-host.eu/courses/349
39	348	Legal issues in social media use	https://dsw.app-host.eu/courses/348
40	347	Recognising echo chambers and filter bubbles	https://dsw.app-host.eu/courses/347
41	346	Understanding filter bubbles	https://dsw.app-host.eu/courses/346
42	345	Evaluating social media for truthfulness	https://dsw.app-host.eu/courses/345
43	344	AI basics and data bias risks	https://dsw.app-host.eu/courses/344
44	343	Recognizing biases in AI algorithms	https://dsw.app-host.eu/courses/343
45	342	What are AI-generated deepfakes?	https://dsw.app-host.eu/courses/342
46	341	Digital accessibility for individuals with impairments	https://dsw.app-host.eu/courses/341
47	340	Factors shaping search and social media content	https://dsw.app-host.eu/courses/340
48	339	When search results mislead	https://dsw.app-host.eu/courses/339
49	338	Why search results vary by user	https://dsw.app-host.eu/courses/338
50	337	Boosting organic search rankings	https://dsw.app-host.eu/courses/337
51	336	How search engines work	https://dsw.app-host.eu/courses/336
52	335	Search methods for personal and work purposes	https://dsw.app-host.eu/courses/335
53	334	Adapt search strategies for better results	https://dsw.app-host.eu/courses/334

Number	ID	COURSE TITLE	URL
54	333	Searching and browsing the internet	https://dsw.app-host.eu/courses/333
55	332	How hashtags boost search and trends	https://dsw.app-host.eu/courses/332
56	331	Building digital literacy for social media	https://dsw.app-host.eu/courses/331
57	330	Responsible content creation and sharing	https://dsw.app-host.eu/courses/330
58	329	Risks of misinformation on social media	https://dsw.app-host.eu/courses/329
59	328	Understanding social media content creation	https://dsw.app-host.eu/courses/328
60	327	Presenting Data Collected with online applications	https://dsw.app-host.eu/courses/327
61	326	Data Collection with online applications	https://dsw.app-host.eu/courses/326
62	325	Visualise data to draw conclusions using a spreadsheet software	https://dsw.app-host.eu/courses/325
63	324	SQL Grouping, Aggregation and Sorting	https://dsw.app-host.eu/courses/324
64	323	Advanced SQL techniques — working with CASE expressions and different types of Joins	https://dsw.app-host.eu/courses/323
65	322	SQL Basics - Writing Simple Queries and Using Aliases	https://dsw.app-host.eu/courses/322
66	321	Advanced filtering of structured data	https://dsw.app-host.eu/courses/321
67	320	Guide to Credible Information	https://dsw.app-host.eu/courses/320
68	319	Evaluate the quality of online information	https://dsw.app-host.eu/courses/319
69	318	Advanced Search Techniques to find and filter information	https://dsw.app-host.eu/courses/318
70	247	Sorting and filtering in Outlook	https://dsw.app-host.eu/courses/247
71	246	Sorting and Filtering in MS excel	https://dsw.app-host.eu/courses/246
72	245	Sorting and Filtering	https://dsw.app-host.eu/courses/245
73	244	Advanced file search on a PC using Metadata	https://dsw.app-host.eu/courses/244
74	243	What is metadata and how it can be used for searching digital content	https://dsw.app-host.eu/courses/243
75	242	Downloading, opening, and organizing files from online sources.	https://dsw.app-host.eu/courses/242

Number	ID	COURSE TITLE	URL
76	241	Downloading and opening a variety of file types	https://dsw.app-host.eu/courses/241
77	240	Perform a simple search on a mobile device	https://dsw.app-host.eu/courses/240
78	239	Data Storage on mobile device	https://dsw.app-host.eu/courses/239
79	238	Simple searches on a Personal Computer	https://dsw.app-host.eu/courses/238
80	237	Data Storage Devices	https://dsw.app-host.eu/courses/237
81	235	Internet: Information - Services - Solutions	https://dsw.app-host.eu/courses/235
82	233	Basic Internet Functionality	https://dsw.app-host.eu/courses/233
83	232	Understanding Digital Information Sources	https://dsw.app-host.eu/courses/232
84	137	Trust Check: Evaluating the Credibility of Digital Information Sources	https://dsw.app-host.eu/courses/137
85	136	Truth vs Trickery: Spotting Bias, Misinformation, and Propaganda Online	https://dsw.app-host.eu/courses/136
86	135	Media Matters: Critically Analyzing How Content Shapes Perception	https://dsw.app-host.eu/courses/135
87	133	Who Said It? Investigating the Credibility of Online Information	https://dsw.app-host.eu/courses/133
88	132	Check Before You Share: Building a Habit of Fact-Checking	https://dsw.app-host.eu/courses/132
89	131	Trace the Truth: Using Fact-Checking Tools to Investigate Digital Claims	https://dsw.app-host.eu/courses/131
90	130	Fact-Check First: Verifying Digital Information with Trusted Tools	https://dsw.app-host.eu/courses/130
91	129	Think Before You Share: Understanding Bias, Misinformation & Responsible Online Behavior	https://dsw.app-host.eu/courses/129
92	128	Beyond the Bubble: Understanding and Recognizing Information Bias	https://dsw.app-host.eu/courses/128
93	127	Behind the Click: Spotting Sponsored Content and Ranking Bias Online	https://dsw.app-host.eu/courses/127
94	126	Spot the Truth: How to Evaluate the Credibility of Online Information	https://dsw.app-host.eu/courses/126
95	125	Digital Rights Matter: Why Privacy Tools Are Essential	https://dsw.app-host.eu/courses/125
96	124	Privacy in Practice: How to Use Tools That Protect Your Search Activity	https://dsw.app-host.eu/courses/124
97	123	Search in Secret: Tools to Protect Your Privacy Online	https://dsw.app-host.eu/courses/123

Number	ID	COURSE TITLE	URL
98	122	Truth Check: Validate and Classify Information in the Age of Infodemic	https://dsw.app-host.eu/courses/122
99	121	Stay Focused: Avoid Distractions & Manage Information Overload	https://dsw.app-host.eu/courses/121
100	120	Search Smarter: Quickly Spot Reliable and Relevant Results	https://dsw.app-host.eu/courses/120
101	119	Think Before You Click: Identifying Safe and Trustworthy Links	https://dsw.app-host.eu/courses/119
102	118	Mastering Advanced Search: Find Exactly What You Need Online	https://dsw.app-host.eu/courses/118
103	117	Smart Searching: Identify Your Information Needs & Find the Right Sources	https://dsw.app-host.eu/courses/117
104	116	Protect Your Privacy: Tools to Avoid and Delete Cookies & Browsing History	https://dsw.app-host.eu/courses/116
105	115	Digital Traces: Understanding Cookies and Browsing History	https://dsw.app-host.eu/courses/115
106	33	Embracing Responsible Digital Citizenship for a Positive Online Community	https://dsw.app-host.eu/courses/33
107	32	Fostering Curiosity and Lifelong Learning in Digital Information Evaluation	https://dsw.app-host.eu/courses/32
108	31	The Responsibility of Sharing Accurate Information Online	https://dsw.app-host.eu/courses/31
109	30	Balancing Critical Thinking and Open-Mindedness Online	https://dsw.app-host.eu/courses/30
110	29	Cultivating Critical Thinking and Skepticism in Digital Spaces	https://dsw.app-host.eu/courses/29
111	28	Strengthening Digital Credibility	https://dsw.app-host.eu/courses/28
112	27	Taking a Stand Against Misinformation and Disinformation	https://dsw.app-host.eu/courses/27
113	26	Advanced Techniques for Critically Evaluating Search Results	https://dsw.app-host.eu/courses/26
114	25	Mastering Fact-Checking	https://dsw.app-host.eu/courses/25
115	24	Navigating Privacy, Copyright, and Intellectual Property in the Digital Age	https://dsw.app-host.eu/courses/24
116	23	Ethical Practices in Digital Information Sharing	https://dsw.app-host.eu/courses/23
117	22	Essential Tools and Extensions for Verifying Digital Information	https://dsw.app-host.eu/courses/22
118	21	Efficient Online Searching	https://dsw.app-host.eu/courses/21
119	20	What Affects Search Rankings?	https://dsw.app-host.eu/courses/20

Number	ID	COURSE TITLE	URL
120	19	Organic VS Paid Search Results	https://dsw.app-host.eu/courses/19
121	18	The Process Behind Search Engine Results	https://dsw.app-host.eu/courses/18
122	17	Understanding Online Content	https://dsw.app-host.eu/courses/17
123	16	Staying Safe when Downloading Files	https://dsw.app-host.eu/courses/16
124	15	Navigating the Internet	https://dsw.app-host.eu/courses/15
125	14	Critical Thinking While Browsing the Internet	https://dsw.app-host.eu/courses/14
126	13	Strengths and Weaknesses of the Internet	https://dsw.app-host.eu/courses/13
127	12	Risks of using the Internet	https://dsw.app-host.eu/courses/12
128	8	Artificial Intelligence systems accuracy	https://dsw.app-host.eu/courses/8
129	7	How content is populated on the Internet and various platforms	https://dsw.app-host.eu/courses/7
130	6	What is misinformation and disinformation and the difference of the two	https://dsw.app-host.eu/courses/6

Coordinator

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