BEM content (for all partners)	Title/name of the credential	Power BI (Business Intelligence) Fundamentals
	Function of the micro-credentials / purpose	The focus of this microcredential is to equip learners with basics of Power BI, including its core functionalities, data visualisation, and reporting features. With this course, participants will be able to connect to various data sources, create basic visualisations, and generate informative reports.
	Possible target groups	Individuals of all backgrounds and ages interested to learn data analysis and business intelligence; Business professionals who need to create visualised data-driven reports.
	Branch/sector of application	Business Intelligence Information Technologies Data Analysis
	Fields of application / work environment	Data analytics teams IT and data management teams Business strategy teams
	Typical work/professional tasks	Connecting Power BI to various data sources; Perform data preparation tasks using Power BI's Power Query and M language for transformation and cleaning. Understand and create relationships between tables to build a data model; Designing and creating basic visualisations - charts, graphs, etc.; Generating interactive reports and dashboards; Producing informed and easy-to-read reports for internal and external stakeholders.

<table>
<tr><td rowspan="4"></td><td></td><td colspan="3"></td></tr>
<tr><td rowspan="2">Learning outcomes (personal and job related)</td><td>Knowledge</td><td>Skills</td><td>Competences</td></tr>
<tr><td colspan="3">Knowledge:
In-depth understanding of core principles, features and usage Power BI interface;
Knowledge of principles and usage of Power Query and M language;
Knowledge of data loading and preparation of visuals to present data;
Understanding relationships between tables to build data model;
Understanding Power BI visualisation and reports.

Skills:
Ability to:
- Connect Power BI to various data sources, such as Excel, different databases, and online services;
- Transform and clean data for analysis;
- Create basic visualisations of data (charts, graphs) and apply filters to reports;
- Design and publish reports and dashboards to present data and its insights.

Learning outcomes should be formulated in commonly accepted way, see the link:https://eurspace.eu/ecvet/pedagogicalkit/framework-for-defining-learning-outcomes-knowledge-skills-competence/
Can be used the formulation format of National Qualification Framework descriptors, adjusting and applying that format for relevant job.</td></tr>
<tr><td>Validation</td><td colspan="2">criteria</td><td>procedures</td></tr>
<tr><td colspan="3">Validation will be conducted through a practical assignment.

Procedure:</td></tr>
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		Students will need to complete a final project where they will be tasked to connect to a dataset, create a report with visualisations, and share it via Power BI. **Criteria:** Successful creation of a Power BI report with multiple data visualisations.
	Recognised/accepted (documented by MoU)	Name of companies Target Group
	Provider(s)	Private EduTech companies, Vocational-Educational schools
Additional information (if needed)	Entry level / prerequisites	No previous knowledge needed, however a background in data management and data analysis is a plus.
	Possible duration (recommendation)	20 hours (10 theoretical + 10 practical)
Specific content (national) (if needed)	Position in the chain of educational programmes	1st out of 2 microcredentials on Power BI
	Reference to NQF	
	Credits	