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| **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. | | | |
| Learning outcomes (personal and job related) | Knowledge | Skills | | Competences |
| **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/*](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.* | | | |
| Validation | criteria | | procedures | |
| Validation will be conducted through a practical assignment.  **Procedure:**  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.  20 hours (10 theoretical + 1o practical) | | | |
| Possible duration (recommendation) |
| **Specific content (national)**  **(if needed)** | Position in the chain of educational programmes | 1st out of 2 microcredentials on Power BI | | | |
| Reference to NQF |
| Credits |