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Diploma supplement

Mateusz Gołda

COURSE: Junior Data Analyst

COURSE DATES: 12.02.2026 – 02.06.2026

The course program included, among others:

1. The role of the analyst in the business – tools, the process of preparing reports, methodology of working with projects: Agile and Waterfall, CRISP-DM work methodology

2. Operations in MS Excel – importing data from various sources, addressing cells, text functions, date functions, conditional and statistical functions, data search

3. Data visualization and filtering – conditional formatting in tables, formatting data using functions, filtering

4. SQL – SQL syntax, functions and operators, aggregate functions, join types, views, data operations, creating and modifying tables

5. Business Intelligence – possibilities of using different file types in Power BI, ETL process, Looker Studio

6. Power BI – sources of data acquisition and visualization, visualization formatting, introduction to Power Query (M language)

7. Applications of DAX language – aggregating functions, creating new columns, creating measures, external tools to support work in DAX – Tabular Editor and DAX Studio

8. Python and Git – installation of development environment, configuration, data types, operators, variables, data visualization (Matplotlib and Seaborn)

9. Pandas – create and manipulate DataFrames, import and export data from/to various formats, group data and aggregate, filter and sort data, transform and clean data

10. Dimensionality reduction and clustering – K-means, visualization of results, integration of PCA with clustering to improve results and visualization

COURSE RESULT: new skills obtained by finishing practical assignments. The course was completed with distinction.

Arkadiusz Kisiołek
Business Intelligence Developer & Data Analyst at ING
course lecturer

Jakub Sokołowski
Data Scientist at Shift4
course lecturer

Date:
02.06.2026

RIS registration number:
2.14/00042/2024