CERTIFICATE

CUBIX INSTITUTE OF TECHNOLOGY

05.09.2025

Domonkos Varga

succesfully completed the

Basics of Data Analysis: from SQL queries to Power BI Data visualization

12-week course (130+ hours)

Competencies acquired by the training

> Introduction to relational databases and the SQL language
> Aggregation queries with complex filter conditions (WHERE, GROUP BY, HAVING)
> Joining tables and different types of subqueries (JOIN, APPLY, EXISTS, IN)
> Using functions and calculations (TOP, DISTINCT, CASE, IIF, COUNT, SUM, AVG)
> PowerPivot Basics: Joining multiple tables from different sources in Data Model, Efficient Pivot Tables with Slicers
> Power Query Basics: Automating Data Cleaning & Data Transformation in tables with data in wrong format or structure
> Power BI Basics: Data Visualization, Creating spectacular Dashboards with multiple interactive, filterable Charts
> PowerPivot Intermediate: DAX, measures, hierarchies, date tables, KPIs
> Power Query Intermediate: Appending multiple files, Merging queries, Using functions, Creating custom functions
> Power BI Intermediate: Publishing reports online, Statistical analytics in charts, Special charts
> Using PowerPivot and Power Query in Power BI Desktop

Adam Bodor
CEO, Cubix Institute
of Technology

Máté Farkas
Instructor

Szabolcs Jobbágy
Instructor

No.
E2APXML3