

Graph databases

The aim of the project is to familiarize students with development of graph databases. Students must provide a report (in .pdf format), according to the following points and the set of 3 files, containing cypher queries (CRUD operations, competency questions and graph analytical queries).

Business process assumptions and constraints

A detailed presentation of the graph database assumption. Business domain should be described as well. In the separate file (creates.txt) Cypher create statements should be provided. The construction of graph database should reflect presented assumptions.

Competency questions in natural language

Competency questions in natural language. In the separate file (questions.txt) Cypher DML questions should be provided. Cypher queries should implement competency questions.

Graph analysis

A detailed description of graph analysis. In the separate file (analysis.txt) Cypher graph analysis questions should be provided.