Opis przedmiotu:

The course will be held in the first half of the semester.

The main topic of the course is the graph database engine Neo4j and its query language CYPHER.
During the labs we are going to query various interesting graph data collections available in the internet (e.g., https://panamapapers.icij.org/).

Addtionaly, we can spend some time on RDF & SPARQL, and probably also Apache TinkerPop & Gremlin. If there is interest we can discuss various Neo4j JAVA APIs.

Links:
https://neo4j.com/developer/cypher-query-language/
https://jena.apache.org/tutorials/sparql.html
https://tinkerpop.apache.org/

 Requirements: the general engineering culture.