

BDA Report: Neo4J

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December 2, 2024

Abstract

This report deals with our experiences with Neo4J and the findings we made about the architecture, features and use cases of the graph database. We also go into detail about the Cypher query language and the Graph Data Science (GDS) package.

3.1 Introduction to Graph Databases

Kneidi

3.2 Core Concepts in Neo4j

Rafi

3.3 Graph Algorithms with GDS

Kneidi

3.4 Performance and Scalability

Rafi

3.5 Use Cases and Applications

Kneidi

Summary and comments

Rafi

References