

Functional Programming with Scala

Project Title: Test Project

Group Name: Group 8

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- **Your Specific Contribution:**

- Connect to Neo4j Aura or Neo4j desktop
- Create the required nodes relationships
- Run the Cypher queries take screenshots of the output of Neo4j console

- **Methodology or Approach:**

- Import data into Neo4j using Scala Driver
- Use Neo4j Spark Connector.
- Load nodes and relationships into a Spark DataFrame.
- Validate the imported data with queries in Spark.

- **Challenges Faced and Their Resolutions:**

- Difficulty connecting to Neo4j Aura: Resolved by connect to local.

- **Learning Gained:**

- Gained experience in integrating Neo4j with Scala.
- Learned effective use of Cypher queries for graph database operations.

- **Future Improvements:**

- Automate the data import process using Scala scripts.
- Explore advanced Neo4j features such as graph algorithms.