NSQ1 – Getting Started with Neo4j

This document guides you through installing and trying out Neo4J as it will be used in NSQ1. Follow it exactly.

# Step 1 – Download Neo4j and Book

1. Go to <https://neo4j.com/deployment-center/>, scroll down to “Graph Database Self-Managed”, Choose “Community”, and download Neo4j community edition 2025.02.0 for your platform.
2. Note the offer of a free book. Fill out the form and get it. They don't spam you unless you opt in.
3. Follow step 1-3 of the instructions.  
   **Note 1:** You must have JAVA\_HOME pointing to a Java 21 installation or newer.  
   **Note 2:** Either run Neo4j as console or install a service, not both.

# Step 2 – Tutorial

1. Still in the Neo4j browser, choose "Browser settings" (the cog icon).
2. Select "enable multi statement query editor"
3. Go to <https://medium.com/@vladbatushkov/learn-neo4j-cypher-basics-in-30-minutes-94d68a52544> and read and follow the tutorial.
   1. Run all example queries
   2. Make sure you view all the ways you can see the output – especially the graph view
   3. Play around with various other queries - for instance:   
      MATCH (p1:Person)-[:OUT]->(c:Call)<-[:IN]-(p2:Person)   
      WHERE p1.name = "Robert"   
      RETURN p1, c, p2
   4. Answer the 6 questions at the end.