Preliminaries: Informed Consent 30/06/2024, 18:50

## Preliminaries: Informed Consent \* Indica una domanda obbligatoria

## Part 1: Query-Driven Graph Schema Discovery

The project consists of analyzing a dataset containing genomic information, understanding its structure, and providing solutions to the following queries. Provide for each query a concise explanation (max two lines) about the reasons you write the query.

Q1: Write a Cypher query that returns the set of all distinct node labels. \*

La tua risposta

State how many answers it returns \*

La tua risposta

Q2: Write a Cypher query that returns the set of all distinct relationship types. \*

La tua risposta

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State how many answers it returns. \*

La tua risposta
Q3: Write a Cypher query that returns each distinct node label together with its corresponding set of properties.
La tua risposta
State how many answers it returns. *  La tua risposta
Q4: Write a Cypher query that returns each distinct relationship type together with * its corresponding set of properties.  La tua risposta
State how many answers it returns. *  La tua risposta

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Q5: Write at least three additional Cypher queries that are needed for you to understand the underlying schema structure of the dataset. You can also write more than three queries in case. For each of them, state also how many answers it returns. Please separate each queries with **two** newlines

La tua risposta

## 06:

Create a diagram representation of the dataset's schema using the <u>Arrows tool</u>. Click on +Node to create new nodes.

To create new edges, place your cursor on the outer edge of each node and drag towards the extended Double-click on each node/edge to add a label and a list of properties.

Upload an image representing the schema you inferred using the answers to the above queries.



Indietro Invia

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