Preliminaries: Informed Consent

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* Indica una domanda obbligatoria

Researchers *

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Purpose of the study

You are being invited to participate in a research study from the ████████████
██████. Participation is limited to adults (18 years of age and older). The purpose of this research study is to understand how students understand the different aspects of the Cypher language and which are the most common misconceptions. This study will take you approximately 90 minutes to complete. The data will be used to derive empirical design implications on how to teach Cypher and possibly how to improve the query language to make it more accessible.

Study procedure

You will be asked to write the solutions to different queries. You will use the Neo4J desktop edition to write and test the query in Cypher. You will submit the correct solutions using a Google form and all the other attempts on an additional file. At the beginning and the end of the study, you may be asked to fill out surveys. Please avoid putting personal identifiers in survey.

Benefits and risks of participation

The risks associated with participation in this study are no greater than those ordinarily encountered in daily life or during other online activities. There may be no direct benefit to you. However, the research result that comes from your data can contribute to design better courses and more understandable query languages.

Procedures for withdrawal from the study

Your participation in this study is entirely voluntary and you can withdraw at any time.

Data collection and processing

We will collect only the data you submit.

Data usage and privacy

The analysis results and the data collection methodology may be published in research papers or technical reports. We will aim for open access publication. During the active phase of research, researchers from ▨▨▨▨▨▨▨ will oversee the access rights to data (and other outputs), as well as any requests for access from external parties.

Research participant rights

If you have concerns or questions about this research study, or if you believe that you have been harmed due to participation in this study, please contact the researchers, listed at the beginning of this informed consent form. ▨▨▨▨▨▨▨▨▨

○ Accept

○ Don't Accept

TEST ID *

La tua risposta

What is your age range?

○ 18-24

○ 25-34

○ 35-44

○ 45-54

○ 55+

○ Prefer not to say

What language can you program in? (List the different languages separated by a comma)

La tua risposta

How do you rate your knowledge of relational databases (e.g., MySQL))? *

(1 = never heard of it, 5 = can use it in a professional environment)

	1	2	3	4	5
	○	○	○	○	○

How do you rate your knowledge of NoSQL databases (e.g., MongoDB, Cassandra)?   *

(1 = never heard of it, 5 = can use it in a professional environment)

1	2	3	4	5
○	○	○	○	○

Which one in particular? *

- ☐ Apache Cassandra
- ☐ MongoDB
- ☐ Redis
- ☐ Couchbase
- ☐ InfluxDB
- ☐ Other

How do you rate your knowledge of other graph structures beside property graphs *
(e.g., RDF and SPARQL)?

(1 = never heard of it, 5 = can use it in a professional environment)

1	2	3	4	5
○	○	○	○	○

Are you knowledgable of any of the following graph query languages? *

☐ OpenCypher

☐ GraphQL

☐ AQL

☐ SQL/PGQ

☐ SPARQL

☐ None

Avanti

Cancella modulo

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