Climate-Flight Knowledge Graph User Survey

This form serves as a quantitative user survey for a Knowledge Graph (KG) in the domain of Climate-Tourism. It will take 10-15 minutes to complete. Please take your time to familiarise yourself with the KG.

This KG connects Cities, Airports, Flights, CO2 Emission Estimations, Airlines, Weather Stations and Weather Events and describes the relationships between these entities. Queries are made to the graph using the CYPHER query language. If you wish to read more about this language, you can here: https://neo4j.com/developer/cypher/

Please Note: this KG is only a small sample of the dataset for user testing purposes. This sample consists of 40k nodes/entities and 85k relations.

In order to access the KG in your browser, please follow the instructions below:

1. Navigate to:
https://browser.neo4j.io/?connectURL=neo4j%2Bs%3A%2F%2Fneo4j%40523162fa.databases.neo4j.io%2F&_ga=2.190022763.132561143.1649156811-20736491.1635441970&_gac=1.258024312.1648743242.CjwKCAjwopWSBhB6EiwAjxmqDWW6uezWeMwGrYeuTk4mHQN5s9KBllFJb1ua4klQ1pM6DuGSIHQEHBoC2sEQAvD_BwE

2. Enter the below details:
- Username: neo4j
- Password: jE--tS2w3Yu8Dz57ti8kLct9d3slinRI10Q2NpXopeI

3. Follow this guide to copy-and-paste the example queries into your browser:
https://raw.githubusercontent.com/jarrettpierse/fyp/main/guide.cyp
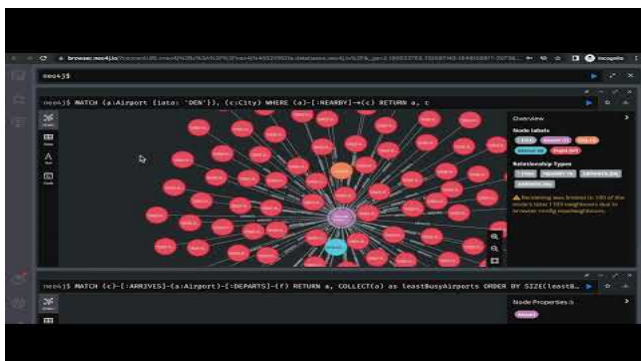
4. Edit the queries as you wish to explore the graph and it's entities.

For a visual guide, you can watch the below demo video to familiarise yourself with Neo4j and CYPHER.

* Required

Video guide for the KG (3 mins, no audio).

http://youtube.com/watch?v=5I6b5cL8ooo

1. Overall, I am satisfied with how easy it is to use this system. *

    Mark only one oval.

    ◯ Strongly Disagree

    ◯ Disagree

    ◯ Somewhat Disagree

    ◯ Neutral

    ◯ Somewhat Agree

    ◯ Agree

    ◯ Strongly Agree

    ◯ N/A

    ◯ Other: _____

2. It was simple to use this system. *

    Mark only one oval.

    ◯ Strongly Disagree

    ◯ Disagree

    ◯ Somewhat Disagree

    ◯ Neutral

    ◯ Somewhat Agree

    ◯ Agree

    ◯ Strongly Agree

    ◯ N/A

    ◯ Other: _____

3. I was able to complete the tasks and scenarios quickly using this system. *

   Mark only one oval.

   ⬭ Strongly Disagree

   ⬭ Disagree

   ⬭ Somewhat Disagree

   ⬭ Neutral

   ⬭ Somewhat Agree

   ⬭ Agree

   ⬭ Strongly Agree

   ⬭ N/A

   ⬭ Other: _____

4. I felt comfortable using this system. *

   Mark only one oval.

   ⬭ Strongly Disagree

   ⬭ Disagree

   ⬭ Somewhat Disagree

   ⬭ Neutral

   ⬭ Somewhat Agree

   ⬭ Agree

   ⬭ Strongly Agree

   ⬭ N/A

   ⬭ Other: _____

5.   It was easy to learn to use this system. *

Mark only one oval.

- ⬭ Strongly Disagree
- ⬭ Disagree
- ⬭ Somewhat Disagree
- ⬭ Neutral
- ⬭ Somewhat Agree
- ⬭ Agree
- ⬭ Strongly Agree
- ⬭ N/A
- ⬭ Other: _____

6.   I believe I could become productive quickly using this system. *

Mark only one oval.

- ⬭ Strongly Disagree
- ⬭ Disagree
- ⬭ Somewhat Disagree
- ⬭ Neutral
- ⬭ Somewhat Agree
- ⬭ Agree
- ⬭ Strongly Agree
- ⬭ N/A
- ⬭ Other: _____

7.   The system gave error messages that clearly told me how to fix problems. *

Mark only one oval.

  ◯ Strongly Disagree

  ◯ Disagree

  ◯ Somewhat Disagree

  ◯ Neutral

  ◯ Somewhat Agree

  ◯ Agree

  ◯ Strongly Agree

  ◯ N/A

  ◯ Other: _____

8.   Whenever I made a mistake using the system, I could recover easily and quickly. *

Mark only one oval.

  ◯ Strongly Disagree

  ◯ Disagree

  ◯ Somewhat Disagree

  ◯ Neutral

  ◯ Somewhat Agree

  ◯ Agree

  ◯ Strongly Agree

  ◯ N/A

  ◯ Other: _____

9. The information (such as online help, on-screen messages, and other documentation) provided with this system was clear. *

   Mark only one oval.

   ◯ Strongly Disagree

   ◯ Disagree

   ◯ Somewhat Disagree

   ◯ Neutral

   ◯ Somewhat Agree

   ◯ Agree

   ◯ Strongly Agree

   ◯ N/A

   ◯ Other: _____

10. It was easy to find the information I needed. *

    Mark only one oval.

    ◯ Strongly Disagree

    ◯ Disagree

    ◯ Somewhat Disagree

    ◯ Neutral

    ◯ Somewhat Agree

    ◯ Agree

    ◯ Strongly Agree

    ◯ N/A

    ◯ Other: _____

11.   The information was effective in helping me complete the tasks and scenarios. *

Mark only one oval.

◯ Strongly Disagree

◯ Disagree

◯ Somewhat Disagree

◯ Neutral

◯ Somewhat Agree

◯ Agree

◯ Strongly Agree

◯ N/A

◯ Other: _____

12.   The organization of information on the system screens was clear. *

Mark only one oval.

◯ Strongly Disagree

◯ Disagree

◯ Somewhat Disagree

◯ Neutral

◯ Somewhat Agree

◯ Agree

◯ Strongly Agree

◯ N/A

◯ Other: _____

13. The interface of this system was pleasant. *

Mark only one oval.

( ) Strongly Disagree

( ) Disagree

( ) Somewhat Disagree

( ) Neutral

( ) Somewhat Agree

( ) Agree

( ) Strongly Agree

( ) N/A

( ) Other: _____

14. I liked using the interface of this system. *

Mark only one oval.

( ) Strongly Disagree

( ) Disagree

( ) Somewhat Disagree

( ) Neutral

( ) Somewhat Agree

( ) Agree

( ) Strongly Agree

( ) N/A

( ) Other: _____

15.　This system has all the functions and capabilities I expect it to have. *

Mark only one oval.

◯ Strongly Disagree

◯ Disagree

◯ Somewhat Disagree

◯ Neutral

◯ Somewhat Agree

◯ Agree

◯ Strongly Agree

◯ N/A

◯ Other: _____

16.　Overall, I am satisfied with this system. *

Mark only one oval.

◯ Strongly Disagree

◯ Disagree

◯ Somewhat Disagree

◯ Neutral

◯ Somewhat Agree

◯ Agree

◯ Strongly Agree

◯ N/A

◯ Other: _____

END OF SURVEY

Google Forms