

Examination

Exercise 1

Narrative:

- Print the percentage of vaccinated people in Hungary for the dates between 2022-03-01 and 2022-03-30, inclusive.
- We are only interested in the columns `country`, `date` and `people_vaccinated_per_hundred`.
- The data should be sorted by date in descending order (newest first).
- Use the column `iso_code` and the value `HUN` to identify rows for Hungary.

Instructions:

- Use the [Vaccinations thema](#)
- Import the data from [country_vaccinations.csv](#) into a Cassandra table that has the right PRIMARY KEY to support the query described in the Narrative.
- Write the select statement that returns the data specified in the Narrative.

Hints:

- The essence of the exercise is to find the right PRIMARY KEY for the table, so that the query above can be executed.
- Make sure that the query runs as efficiently as possible.
- You can name the date field as `date1` in order to avoid conflicts with the reserved word `date`.

To send:

- The CREATE TABLE statement
- The SELECT query that returns the data specified above
- The output of the SELECT statement

Exercise 2

Narrative:

- List the top 30 countries by the highest percentage of vaccinated people on the day 2022-03-29. Use the field `people_vaccinated_per_hundred` for this purpose.
- We are only interested in the columns `country`, `date` and `people_vaccinated_per_hundred`.

Instructions and Hints:

- Same as above

To send:

- The CREATE TABLE statement
- The SELECT query that returns the data specified above
- The output of the SELECT statement