

Expressing Analytical Questions as MongoDB Queries

[The data set for this exercise may be obtained in the lesson on 'Querying Documents in MondoDB' at <https://www.coursera.org/learn/big-data-integration-processing/supplement/R93cO/querying-documents-in-mongodb>]

Remember that you created a Docker container named *my-mongo* with the data necessary to complete this assignment. First, go to Docker Desktop and start the container. To access MongoDB Shell (once the container is running), open your local terminal and run the following command:

```
1 docker run -it --rm --network="host" mongo mongosh "mongodb://localhost:27017"
```

Imagine you are the Sports Analyst for a big magazine. The goal of this assignment is to demonstrate your data-driven reporting skills and express the following natural language questions as MongoDB queries on soccer-related tweets in English.

- **Query 1:** How many tweets have location not null?
- **Query 2:** How many people have more followers than friends?
- **Query 3:** Return text of tweets which have the string "http://" ?
- **Query 4:** Return all the tweets which contain text "England" but not "UEFA" ?
- **Query 5:** Get all the tweets from the location "Ireland" and contains the string "UEFA"?

Don't forget to save the results of your queries as you will have a quiz testing the correctness of your query results following this exercise.

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✓ Completed