Task for MongoDB Lab

INF 551

Wensheng Wu

Task (using restaurant data set)

- Write a MongoDB operation (find or aggregate) for each of the following questions:
  1. Find (non-empty) names of restaurants in Brooklyn (borough). Output names in ascending order. Note that the result should show only names of restaurants, no ids and other fields.
  2. How many restaurants in Brooklyn, which are not American cuisine, received a grade of A?
  3. Find all distinct cuisines in restaurants in Brooklyn.
  4. How many restaurants in Brooklyn have a name containing "BBQ" (case insensitive)?
  5. Among all restaurants in Brooklyn, find out the number of restaurants for each cuisine. Output the cuisine and the number of its restaurants when the number exceeds 100.

Hint

- Read this for querying a document inside an array

  - https://docs.mongodb.com/manual/tutorial/query-array-of-documents/

Submission

- Submit a document that contains a screenshot for each question, showing its query and answer (only needs to show the first 10 lines of results)