

MySQL test questions

Nov 27, 2019

1. What does SQL stand for?
2. Name two advantages to using MySQL instead of Excel?
3. What's the size limit of a dataset that MySQL can import?
4. What does it mean to scrape a website for data, and why do some journalists resort to this?
5. Name the two parts of an SQL query we need to perform a produce a dataset.
6. What statement, or word, in a MySQL query acts as a filter?
7. Queries using the most recent inspections dump file: Select a count from Master
8. Queries using the most recent inspections dump file: Select ALL from Master
9. Queries using the most recent [inspections dump file](#) (that you will also find under the week thirteen section of the syllabus' "datasets" subsection): Select ALL the records from the "Master" table that have received the most serious violations – that is a "score" of LESS THAN 100
10. Queries using the most recent inspections dump file: Count and Group by name to see which establishment has had the greatest number of violations
11. Count and Group by name, and filter by a failing score, to see which establishment has had the greatest number of serious violations

12. Count and “group-by” query that, counts the number of violations, groups by name and address, and filters for serious violations. This query helps us locate the address of the most problematic establishment. NOTE: we can also use the geographic coordinates in the csv file that we can export from MySQL create a map in Qgis, which can eventually be uploaded to ArcGIS Online, or directly to ArcGIS Online. The map can be a visualization for the final story. In the screen grab below, we layered the inspections point file (in this case, cruddy nail establishments) on top of a Ottawa ward shape file downloaded from the [city’s open data site](#).