

Intro to Data Science for Business – Bus 314

SQL Lab 2

For this advanced content, complete the “SUM and COUNT” section, "Nobel Prizes: Aggregate functions" (which does not have an accompanying quiz). Copy and paste your queries (text only) into this document.

PART 1: [SUM and COUNT](#)

1. NA
2. List all the continents - just once each:
3. Give the total GDP of Africa:
4. How many countries have an **area** of at least 1000000:
5. What is the total population of ('Estonia', 'Latvia', 'Lithuania'):
6. For each continent show the continent and number of countries:
7. For each continent show the continent and number of countries with populations of at least 10 million:

8. List the continents that have a total population of at least 100 million:

PART 2: [SUM and COUNT quiz](#)

- Indicate your quiz score here:

PART 3: [Nobel Prizes: More aggregate functions](#) `nobel(yr, subject, winner)`

Show the total number of prizes awarded:

2. List each subject - just once:
3. Show the total number of prizes awarded for Physics:
4. For each subject show the subject and the number of prizes:
5. For each subject show the first year that the prize was awarded:

6. For each subject show the number of prizes awarded in the year 2000:
7. Show the number of different winners for each subject:
8. For each subject show how many years have had prizes awarded:
9. Show the years in which three prizes were given for Physics:
10. Show winners who have won more than once:
11. Show winners who have won more than one subject:
12. Show the year and subject where 3 prizes were given. Show only years 2000 onwards: