1. What order of clauses for a sql query? And why?
2. What is an escape character?
3. A query for which either the city or country name starts with an “A”

SELECT city\_name, country\_name

FROM cities

WHERE city\_name LIKE ‘A%’

OR country\_name LIKE ‘A%’

Records for which the second last letter for city\_name is a ‘C’

SELECT city\_name, country\_name

FROM cities

WHERE city\_name LIKE ‘%c\_’;

Query for city names with substring ‘ana’

How many country name that end in ‘ia’?

SELECT COUNT(country\_name)

FROM cities

WHERE country\_name LIKE ‘%ia’

Query the top 10 first\_language ?

SELECT first\_language, COUNT(first\_language)

FROM cities

GROUP\_BY first\_language

ORDER\_BY COUNT(first\_language) DESC,

LIMIT 10;

Same query but grouped by continent instead of country

SELECT continent\_name, first\_language, COUNT(first\_language) as count

FROM cities

GROUP\_BY continent\_name, first\_language

ORDER\_BY COUNT(first\_language) DESC,

LIMIT 10;

How to find the cheapest flights to capital cities for each continent

SELECT continent\_name, MIN(price\_from\_yhz)

FROM cities

GROUP BY continent\_name;

Price per hour from Halifax to every city in Africa

SELECT city\_name,price\_from\_yhz / time\_from\_yhz as ‘price/hour’

FROM cities

WHERE continent\_name = ‘Africa’;

Something is weird with continent name attribute figure it out

SELECT continent\_name, COUNT(continent\_name)

FROM cities

GROUP BY continent\_name; 🡪 gives number of rows