# BARCELONA PROJECT WEEK 2 - Erwan & Carles



WHERE IS LOVE?
WHERE IS LOVE
FROM?

# QUESTIONS & HYPOTHESIS

- Question 1: What are the top3 spoken languages in Barcelona?
- Question 2: Where is Chinatown in Barcelona?
- Question 3: If you want to meet the love of your life, where should you go according to your gender preferences?

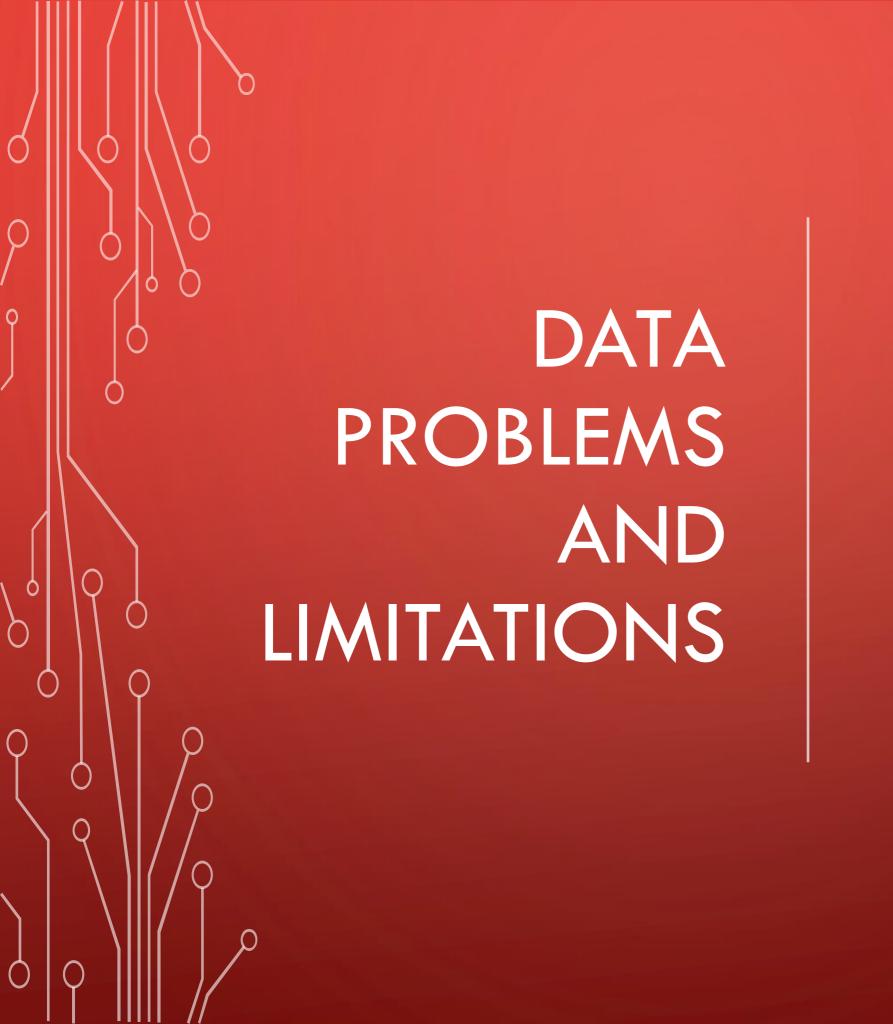




## **DATASET**

Official population's nationality classified by genre of the city of Barcelona

Source: INE - 2019





 No detail description of the columns where available

Dataset language → translation needed

No NaNs



Question 1: What are the top 3 spoken languages in Barcelona?

# QUESTION 1

| Nationality                        |           |  |
|------------------------------------|-----------|--|
| Spain                              | 1.316.380 |  |
| Italy                              | 34.287    |  |
| China                              | 21.327    |  |
| Pakistan                           | 20.437    |  |
| Name: Residents_numb, dtype: int64 |           |  |

Question 2: Where is Chinatown in Barcelona?

# QUESTION 2

| District_Name                      |       |  |
|------------------------------------|-------|--|
| Eixample                           | 5.897 |  |
| Sant Martí                         | 4.205 |  |
| Sants-Montjuïc                     | 2.900 |  |
| Sant Andreu                        | 1.968 |  |
| Nou Barris                         | 1.765 |  |
| Horta-Guinardó                     | 1.128 |  |
| Gràcia                             | 968   |  |
| Ciutat Vella                       | 868   |  |
| Les Corts                          | 861   |  |
| Sarrià-Sant Gervasi                | 767   |  |
| Name: Residents_numb, dtype: int64 |       |  |

Question 3: If you want to meet the love of your life, where should you go according to your sex preferences?

# QUESTION 3

| Gender                             | District_Name         | District_Name |  |
|------------------------------------|-----------------------|---------------|--|
| Female                             | Gràcia                | 54.24%        |  |
|                                    | Sarrià — Sant Gervasi | 53.99%        |  |
| Male                               | Ciutat Vella          | 52.53%        |  |
|                                    | Sant Martí            | 47.99%        |  |
| Name: Residents_numb, dtype: int64 |                       |               |  |

BONUS QUESTION: Where should I go if I like Chinese girls?

# BONUS QUESTION





# LEARNINGS





THANK YOU
MERCI BEAUCOUP
GRACIAS
GRÀCIES