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Group 5



Data

kaggle



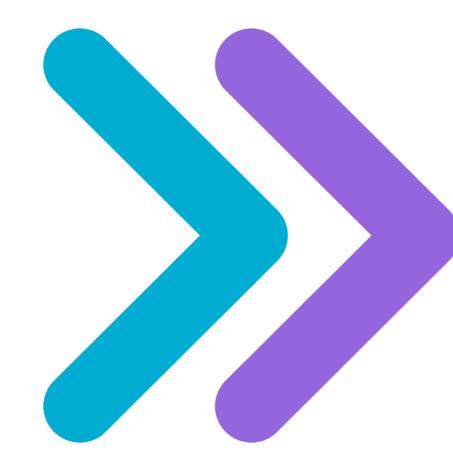


Analysis of the chosen date





After a better analysis



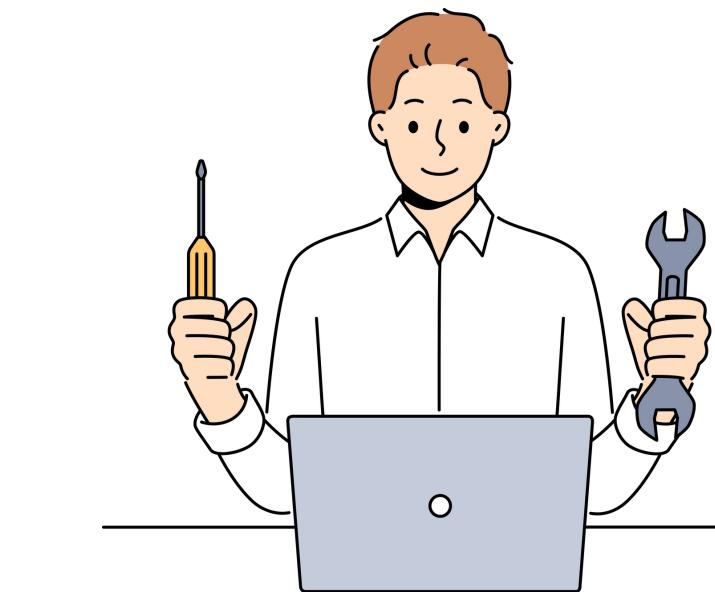
Actions in Python

- Import the .CSV file
- Drop some columns
- Change some titles
- Add a new column like room_ID
- Replace some values
- Create 2 no CSV FILES
 - 1 for our main table
 - 1 for our table city



```
df1['City'] = df1['City'].replace("Amsterdam", "1")
df1['City'] = df1['City'].replace("Athens", "2")
df1['City'] = df1['City'].replace("Barcelona", "3")
df1['City'] = df1['City'].replace("Berlin", "4")
df1['City'] = df1['City'].replace("Budapest", "5")
df1['City'] = df1['City'].replace("Lisbon", "6")
df1['City'] = df1['City'].replace("Paris", "7")
df1['City'] = df1['City'].replace("Rome", "8")
df1['City'] = df1['City'].replace("Vienna", "9")
```

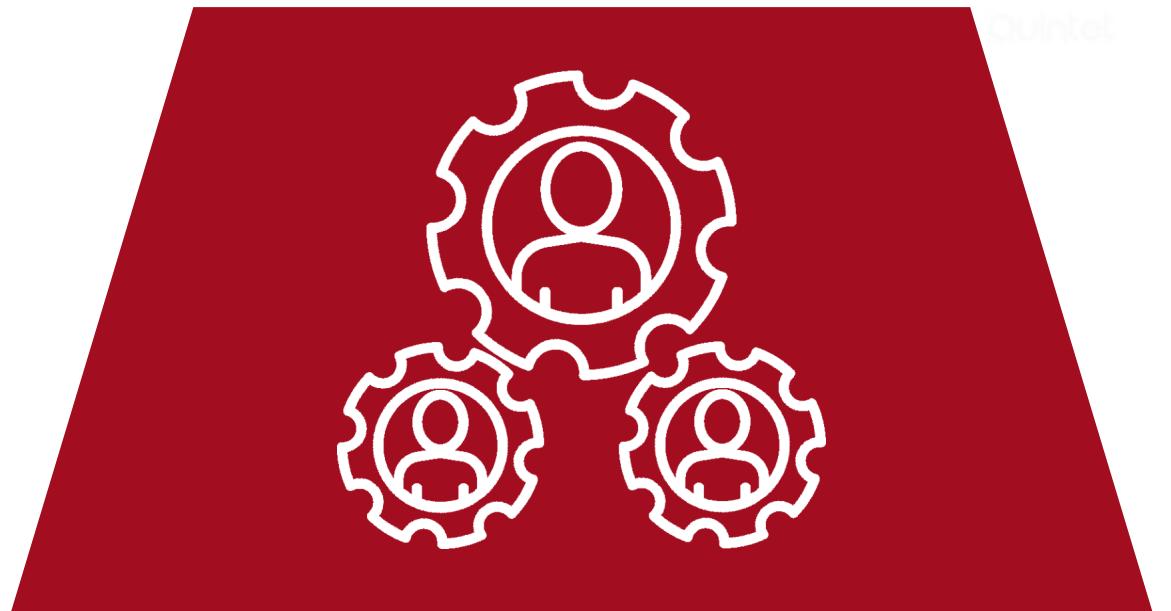
Importing the new file



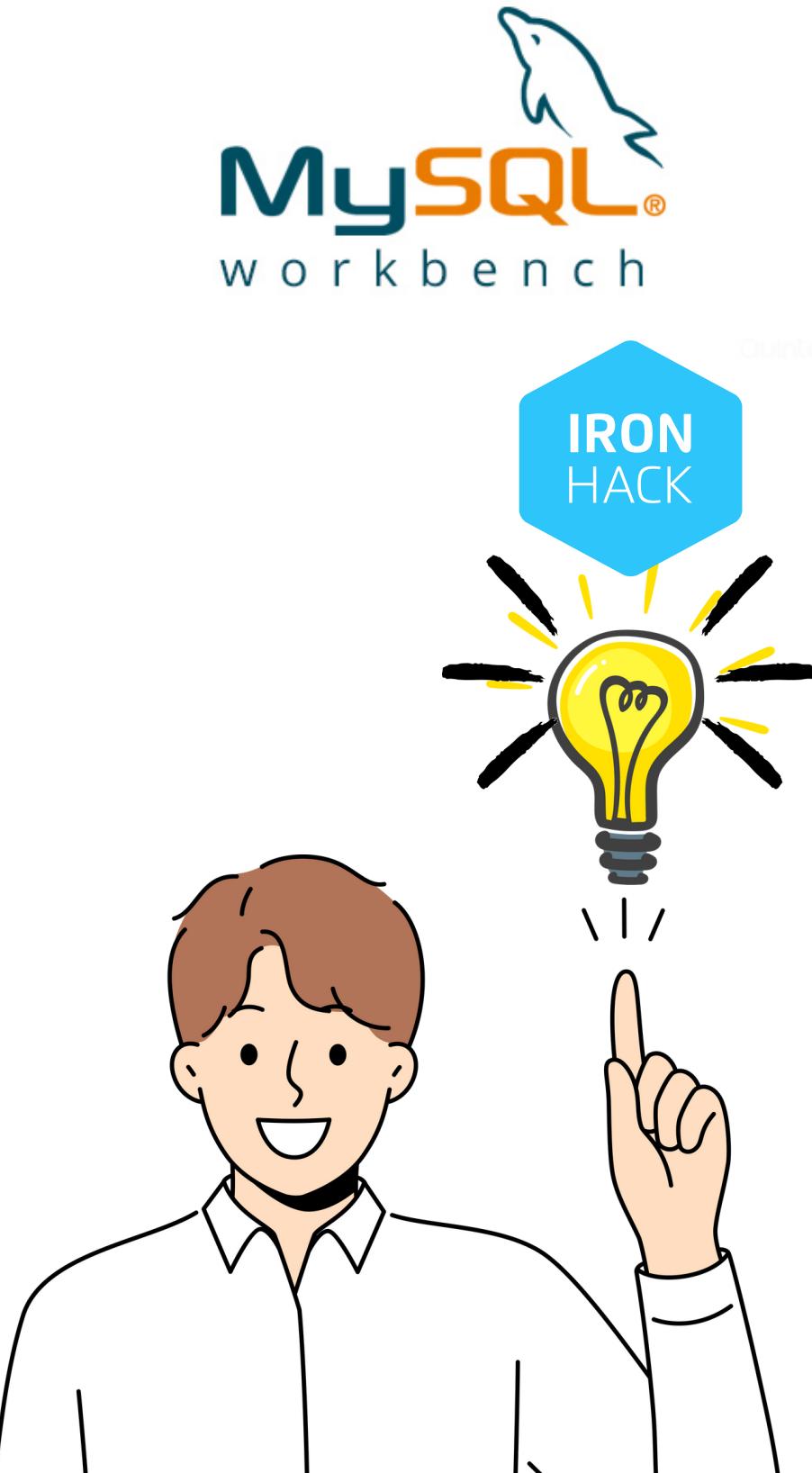
“NEW”



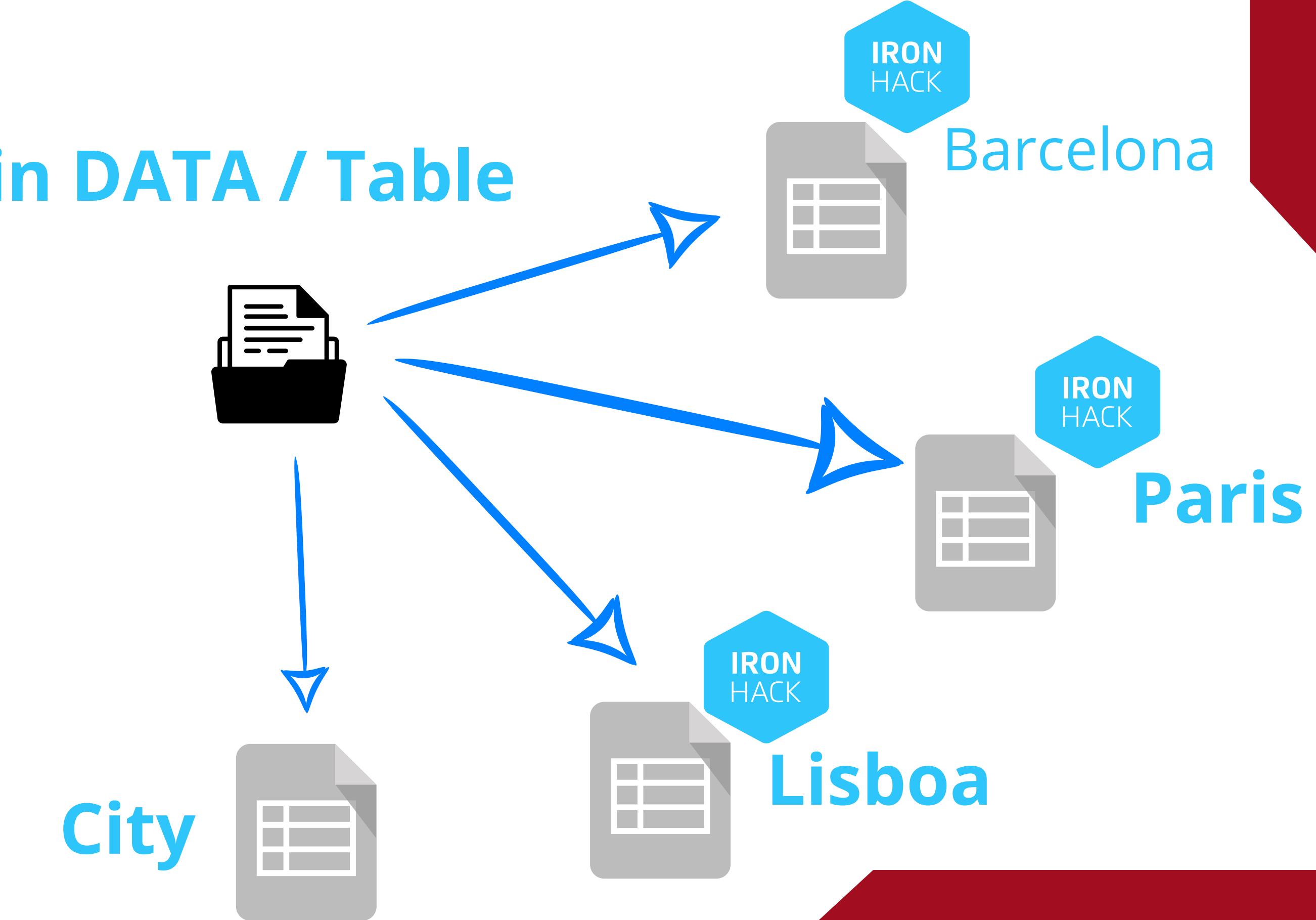
Needed more flavor



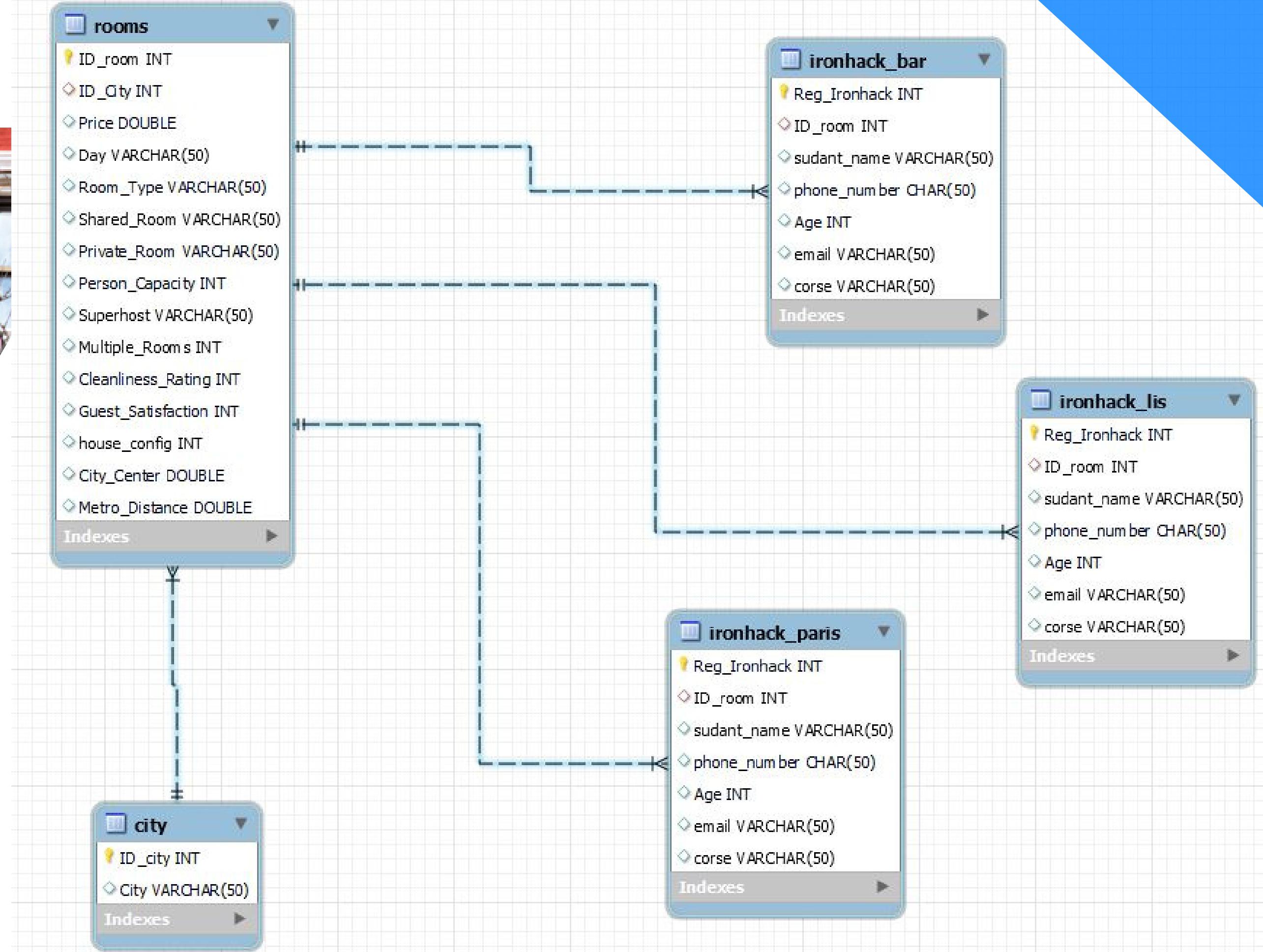
New Idea



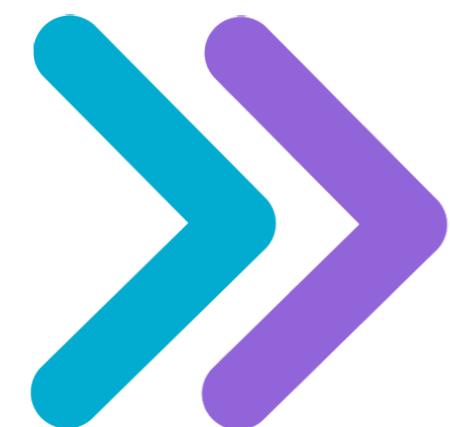
Main DATA / Table



Diagram

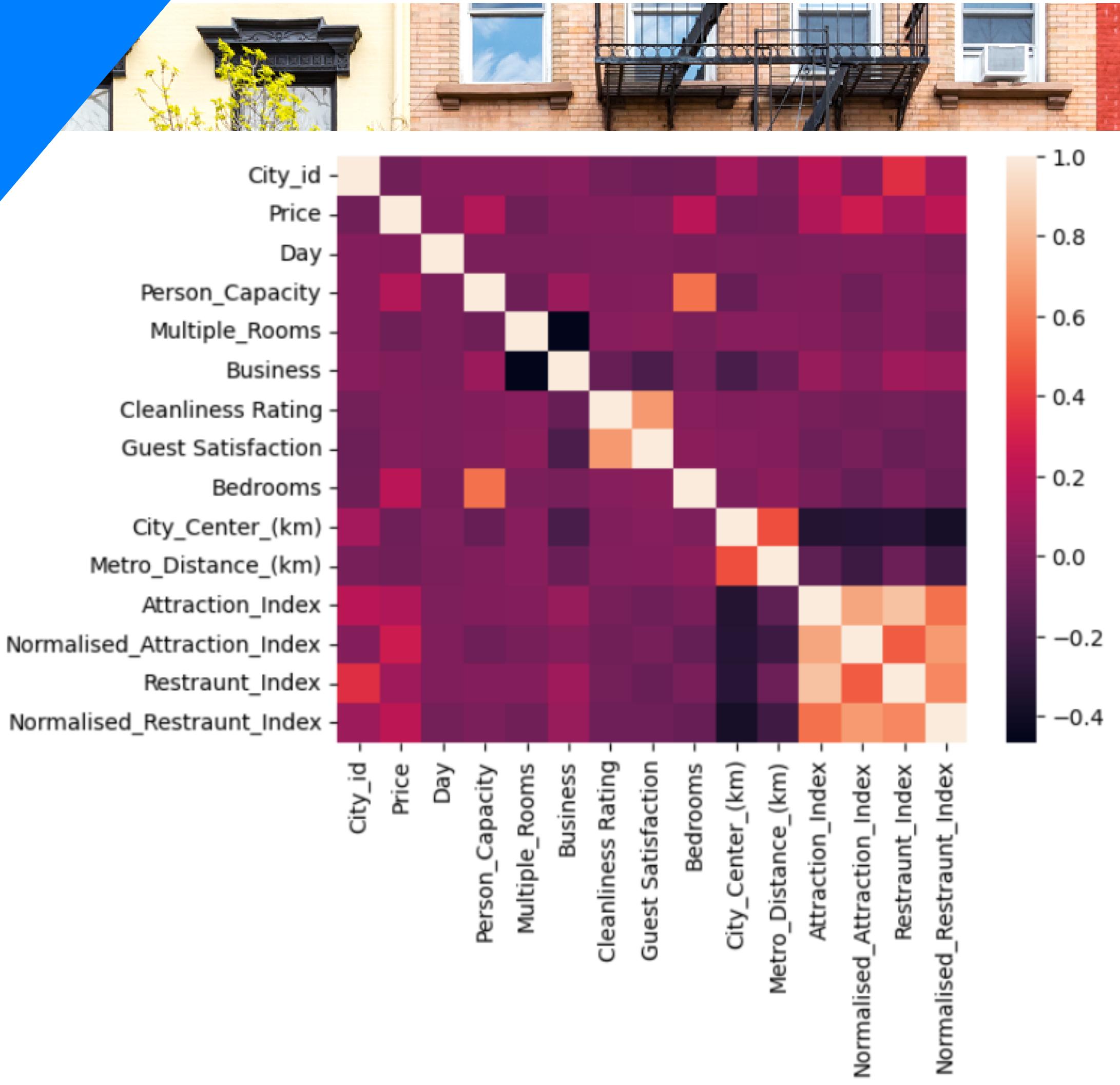
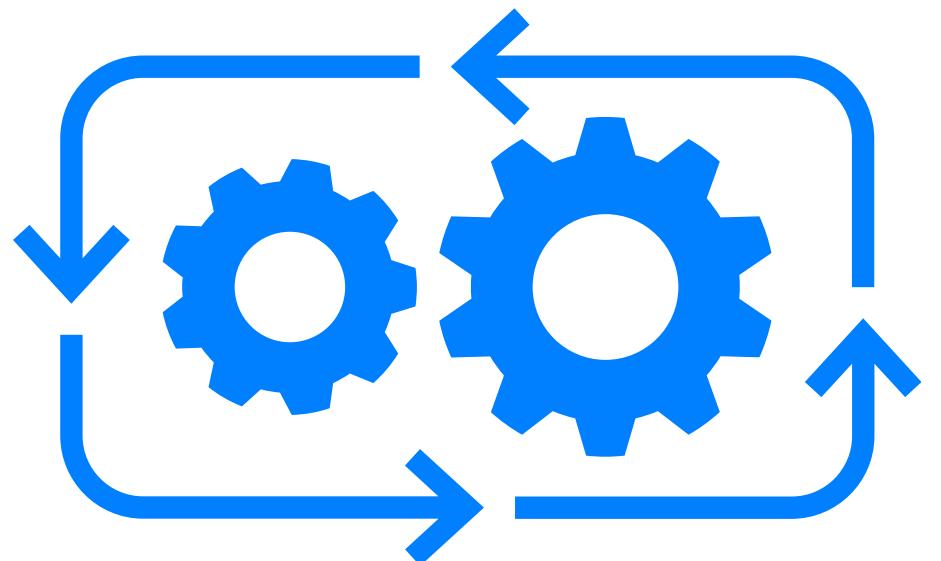


For better observation of data



+ tableau®

Correlation pearson





Thank you