Questions:

1. What types of hotels do people book the most?
2. What is the percent of bookings that confirmed, and canceled?
3. What is the most booked month of the year?
4. Which country has the highest reservations?
5. What are the meals service that people are more interest in hotel?
6. What is the most reserved room type ?

Data Description:

* Columns:
  + Hotel (string)
  + Is\_canceled(int)
  + Lead\_time()
  + Arrival\_date\_year(int)
  + Arrival\_date\_month(int)
  + Arrival\_date\_day\_month(int)
  + Stay\_in\_week\_nights(int)
  + Stay\_in\_weekend\_nights(int)
  + Previous\_canellations(int)
  + Previous\_booking\_not\_canneled(int)
  + reserved\_room\_type(string)
  + customer\_type(string)
  + required\_car\_parking\_space(int)
  + reservations\_status(string)
  + reservations\_ status\_date(date)
  + meal(string)
* Row:
* 1193390 rows
* Data size:
* 1193390 rows× 14 columns

- Tools:

* Programs: PyCharm, Jupyter, Spyder , Googlecolap
* Libraries: Pandas, Numpy, Math , Matplotlip.
* Funcations: info () , describe() , head() , tail() , groupby() , read\_csv() , loc[] , value\_count(), drop\_duplicate() , merage() , sort\_value() ,fillna().
* Plot: Line plot , Scatter plot , Line/Scatter plot , Step plot , YX funcation plot , Bubble plot , Class plot , Pie chart , Map chart.

MVP Goal:

* To help a new company that wants to open a new hotel to understand the atmosphere that more people like, to build their own hotel in attractive way.