* Logo

  Description automatically generated with low confidenceQuestions/Problem statement
  + List of Questions (Airline Passenger Satisfaction) . dataset source Kaggle site

What factors lead to customer satisfaction for an airline:

* + - What type of travel was more. personal travel or business travel?
    - What is the longest distance traveled by a specific flight?
    - Are the most passengers find booking online easy or complicated?
    - How many loyal customers does the airline have?
    - How many passengers were satisfied of the food/drinks quality?
    - What is the most passengers satisfaction level of cleanliness ?
    - Which gender of customer was the most loyal customer for the airline ?
    - The maximum and the minimum minutes delayed when arrival?
    - Are most passengers satisfied, dissatisfied or neutral in general for the airline?
    - Are the females or males the most passengers in the airline?
    - What is the average age of passengers?
* Data Description:
  + Columns:
    - Gender:Gender of the passengers. (Text)
    - Customer Type: Loyal customer, disloyal customer. (Text)
    - Age:The actual age of the passengers. (Int)
    - Type of Travel: Purpose of the flight of the passengers. (Personal Travel, Business Travel). (Text)
    - Flight distance:The flight distance of this journey. (Float)
    - Ease of Online booking: Satisfaction level of online booking. (Int)
    - Food and drink:Satisfaction level of Food and drink. (Int)
    - Cleanliness:Satisfaction level of Cleanliness. (Int)
    - Arrival Delay in Minutes: Minutes delayed when Arrival. (Int)
    - Satisfaction:Airline satisfaction level(Satisfaction, neutral or dissatisfaction). (Text)
  + Rows:
    - This dataset has 25k rows .
  + Data size (no. of rows and no of columns)
    - 25k rows and 11 columns
* Tools
  + Programs: Spyder, GoogleColab, Pycharm , MS Word, MS PowerPoint, GitHub
  + Libraries: Pandas, NumPy, Math
  + Functions: .head().array() .read\_csv() .mean() .groupby(), sum(), min(), max()
  + Plot: Bar graph, Histogram, Scatter plot, Area plot, Pie plot.
* MVP Goal

Making customer’s experience visible for the new customers in a simple way like in statistic charts (Plots) and help the new customers to be aware about this airline service and how things work .