* 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 class was more satisfied passengers?
    - What age group was more satisfied with the airline service?
    - What type of customer was more satisfied passengers?
    - Satisfaction depends on gender of passengers
    - What is the most preferred class of travel for customers traveling?
    - Are most passengers satisfied or dissatisfied for the airline in general?
* 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 .