Data Science Bootcamp T5

Summary:

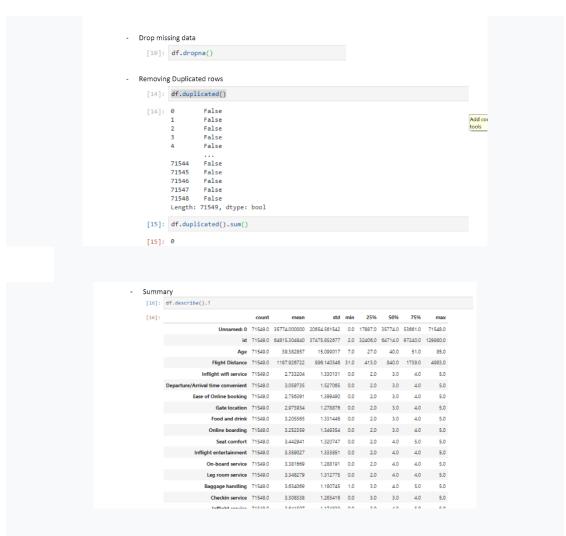
In this project I chose a data set about an airline and my goal is to predict the level of passenger satisfaction.

Data set:

The data size is 3.04 MB

- ID
- Gender
- Customer
- Age
- Type of travel
- Class
- Flight Distance
- Inflight wifi service
- Departure/Arrival time convenient
- Ease of Online booking
- Gate location
- Food and drink
- Online boarding
- Seat comfort
- Inflight entertainment
- On-board service
- Leg room service
- Baggage handling
- Checkin service
- nflight service
- Cleanliness
- Departure Delay in Minutes
- Arrival Delay in Minutes
- Target: Satisfaction

Work:





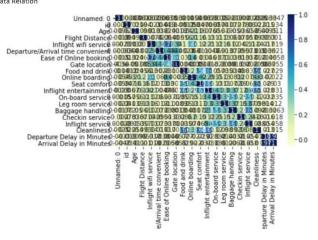
Review Outliers Create box plot for all columns

Arrival Delay in Minutes Departure Delay in Minutes Caealiness | Cleaniness | Clean

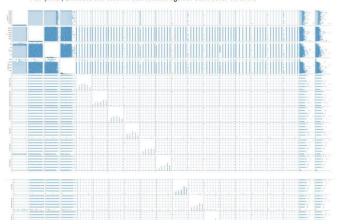
20000 40000 60000 80000 100000 120000

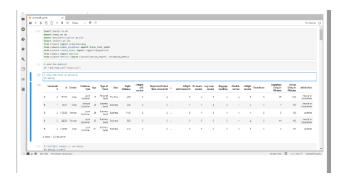
Identify outliers . the column at left side.

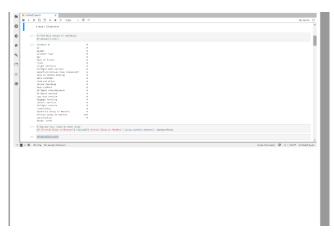
- Data Relation

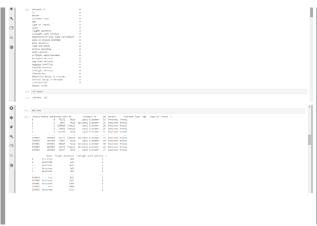


- Pair plots , Evaluate the column distribution against each other columns

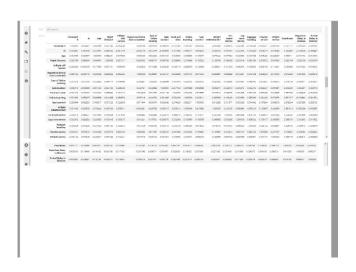




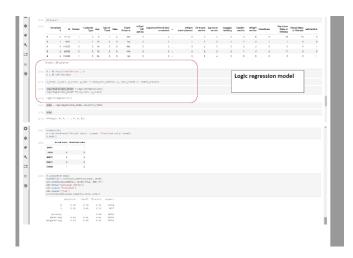














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Conclusion:

During the four weeks of learning, I applied what I learned in my project of data cleaning, analysis and modeling to suit my output based on my data set.