

Project Planning Phase:

Sprint Schedules:

Date	17/10/2022
Team ID	PNT2022TMID37553
Project Name	Analytics For Hospitals' Health-Care Data

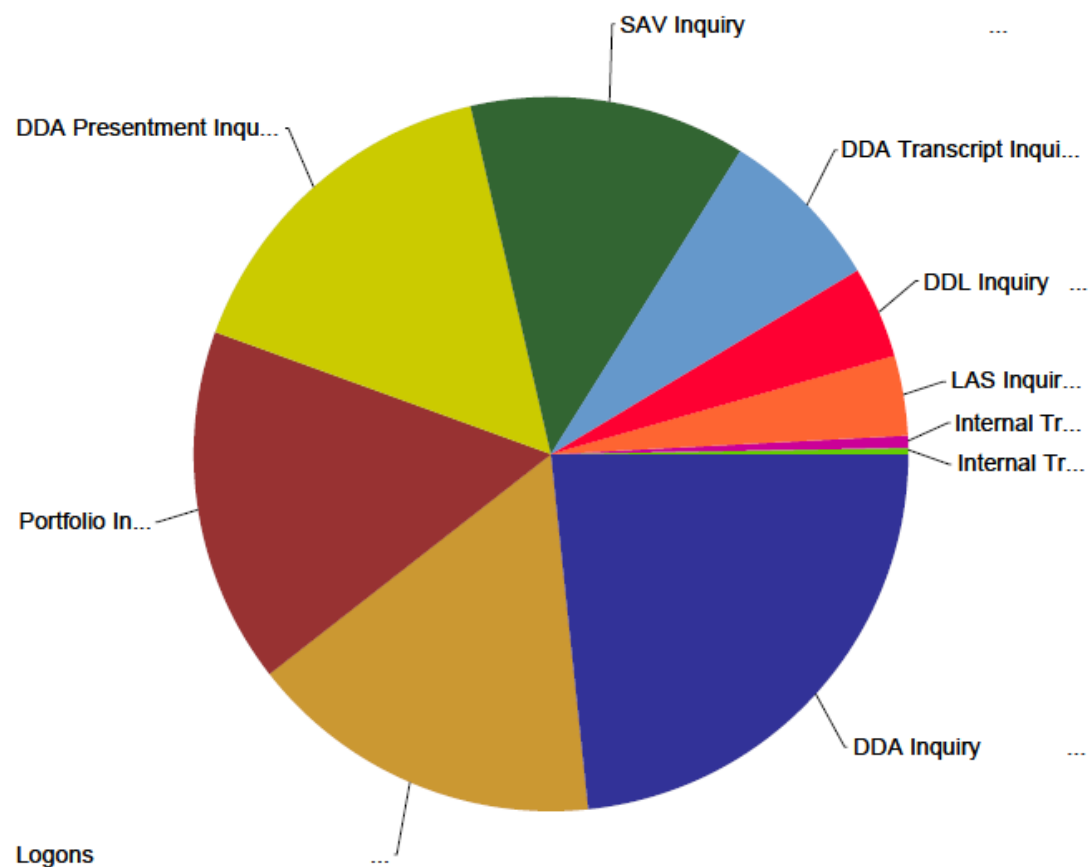
Data set:

- Getting appropriate data's in the CSV format.
- Create account in cognos and upload the data set into the cognos.
- Explore the data.
- Clean the data for different fields.
- Perform mean, medium and mode for data cleaning.
- Save the data in the cognos.



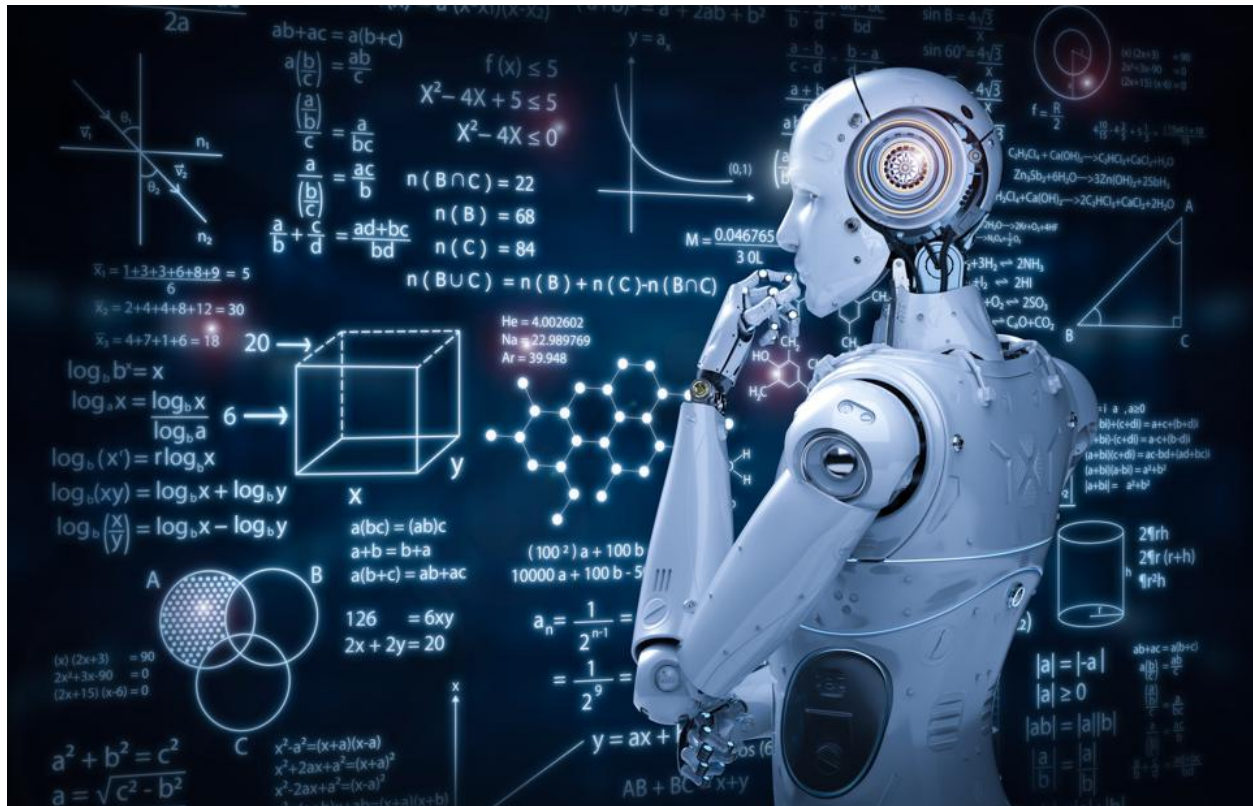
Dashboard:

- Open the saved exploration data in dashboard.
- Perform various chart for various fields.
- Change the colour for attraction.
- Play with data set.



Unknown data:

- Explore the chart for unknown data.
- Anaconda, Jupyter for ML.
- Import Pandas, Numpy, Matplotlib, Scikitlearn.
- Import the data set into the Jupyter notebook.
- Display the CSV data set using Pandas.
- Clean the datas.
- Convert the non-numerical data into numerical.
- Use Z standardization for each field.
- Drop the unnecessary field.



Machine learning:

- Use 75% data for training and 25% for testing.
- Use different algorithms like KNN, Decision tree, Random forest etc...
- Monitor the success and failure result for each algorithm.
- Give the unknown data for test.
- Display the data in graphical chart.