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Assignment 5

Problem Statement:

Perform the data visualization operations using Tableau for the given dataset and its prediction.

Objectives:

- 1) Analyze the data
- 2) Create a dashboard

Dataset: This dataset obtained from Kaggle.com

[Link of the Dataset](#)

Theory :

- A dashboard is a collection of different kinds of visualizations or views that we create on Tableau. On a dashboard, we can place relevant charts and graphs in one view and analyze them for better insights.
- A dashboard is a consolidated display of many worksheets and related information in a single place. It is used to compare and monitor a variety of data simultaneously.

- The different data views are displayed all at once. Dashboards are shown as tabs at the bottom of the workbook and they usually get updated with the most recent data from the data source.
- While creating a dashboard, you can add views from any worksheet in the workbook along with many supporting objects such as text areas, web pages, and images.
- Each view you add to the dashboard is connected to its corresponding worksheet. So when you modify the worksheet, the dashboard is updated and when you modify the view in the dashboard, the worksheet is updated.

Dashboard :



Inference :

- 1.** Inductive inference to approximate a target function which will produce discrete values.
- 2.** It is widely used, robust to noisy data, and considered a practical method for learning disjunctive expressions.
Appropriate Problems for Decision Tree Learning.