Assignment - 3 Name – Saiteja Reddy Konda
Course – Business Forecasting

Title – Air Passengers Dataset

Description - The Air Passengers Dataset is a time series dataset that records the number of airline passengers traveling on international flights over a specific period. This dataset provides valuable insights into the historical trends and patterns of air travel, making it useful for various forecasting and analytical purposes.

Dataset Overview - The Air Passengers dataset provides a monthly record of the number of airline passengers from January 1958 to December 1960.

Key Variables –

1. **Year** - This variable represents the year for which passenger counts are recorded. (datatype – datetime)

2. **Month** - This variable represents the time period for which passenger counts are recorded. It is represented monthly depending on the dataset's periodicity. (datatype – datetime)

3. **Passengers** - This is the primary variable of interest and represents the number of passengers who travelled during the specified time period. It is measured in thousands. (datatype – integer)

Data Quality - The dataset was checked for missing values, and no missing values were found. All data points are complete for the period from January 1958 to December 1960.

METHODOLOGY –
The data for this dataset is typically sourced from aviation authorities, airlines, or airports. It represents a historical record of passenger counts over months. This dataset is commonly used for time series forecasting exercises, including predicting future passenger counts based on historical data.

Why does this data set intrigue you?
The Air Passengers dataset is widely used in the data science community, making it a useful benchmark for testing and comparing forecasting models. Working with this dataset can enhance my data analysis and modelling skills.