**TASK 1**

**Exploratory data analysis**

Exploratory Data Analysis or EDA is used to take deep understanding from the data. We try to find different patterns, relations, and anomalies in the data using some statistical graphs and other visualization techniques.

To make EDA work:

Get maximum insights from a data set

Uncover underlying structure

Extract important variables from the dataset

Detect outliers and anomalies(if any)

Test underlying assumptions

Determine the optimal factor settings

The main purpose of EDA is to detect any errors, outliers as well as to understand different patterns in the data.

Now let us Perform EDA in the given dataset prime.csv

1) Import Libraries and Load Dataset

2) check for missing values

It is found that There are some missing values in our dataset

3) Visualizing missing values

4)Replace the missing values

Since here is the string values we cannot replace them with other strings

5)Asking Analytical Questions and Visualizations

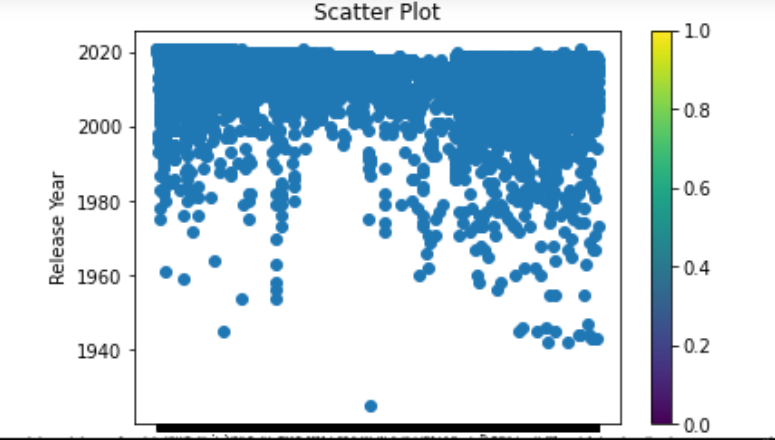
Here the dataset is non numerical So analytics is pretty difficult

**Cleaning the data**

Here the data is cleaned by eliminating the null values in the column

**Now the visualizations can be done**

In this case, I have used scatter plot to show the relation between the Title and Release Year.

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