

Task 2

Aim :

To make eda and visualization on the given dataset and get insights from the data

Things Done :

1) Libraries Imported

- Numpy for handling arrays if needed
- Pandas for handling the data frames and matrices
- Matplotlib for visualisation
- Seaborn for clear in statistical visualisation

2) Loaded the data and accessed it to gain information

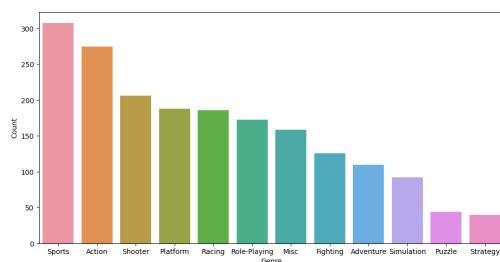
- **info()** - gaining up the data information of what are the features and what are up over there
- **describe()** - gives up the summary statistics, it describes the summary stat for the numerical column

3) Found missing values

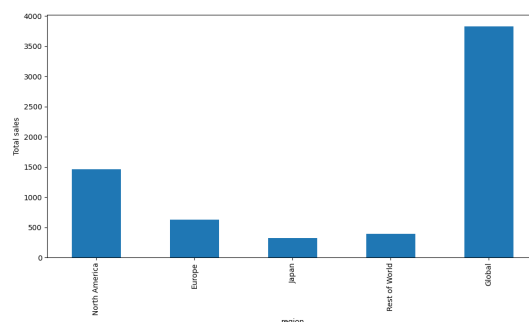
Found missing values in several fields and imputed it using

- **Arbitrary imputing** - imputes the value with given input for change
- **mode** - imputes by filling the most frequent occurred value
- Change up the data type from float to the integer fo easy process

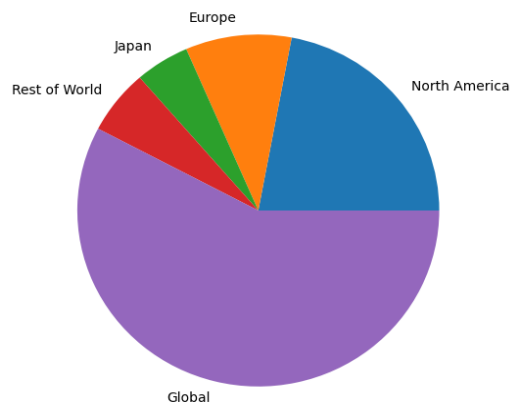
4) Visualization



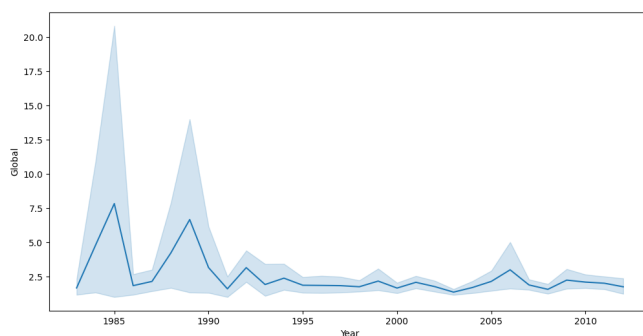
Distribution of game Genres



Sales By Region

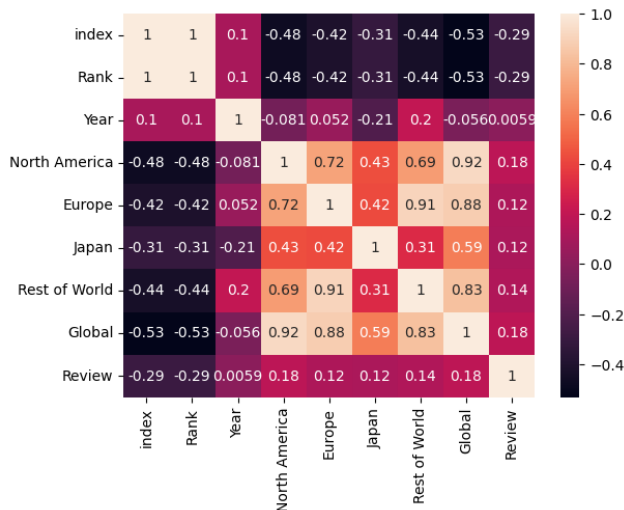


Total Sales Summary



Sales over Time

5) Heatmap analysis



Gives the relation score among the features relationship

Result:

The Eda, Visualisations and insights gaining are Done successfully :

https://github.com/Sairam-K26/Kovai.Co_Tasks/blob/main/Task_2/Task_2.ipynb