**Babu Banarasi Das University**



**Case Study**

**on**

**Movie Rating Dashboard Using Power BI**

**SUBMITTED TO: SUBMITTED BY:**

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**Agenda / Objective :**

To analyze movie data to understand trends in genres, rating , and audience preference using Power BI .

**Outcomes / Learning :**

* Learned to collect and clean data using Kaggle Dataset
* Gained hands – on experience in Power BI dashboard creation
* Understood how to visualize and analyse movie performance trends

**Required Tool:**

Power BI

**Working:**

Step by step process of dashboard creation

Step1:

Data collected of Kaggle (IMDb Movies Dataset)

Step 2:

Data cleaned in Power BI (removed blanks, corrected data types).

Step 3:

Created visuals:

* Bar Chart for Top 10 Movies by Rating
* Pie chart for Genre Distribution
* Line chart for ratings over time
* Cars showing Average Rating , Total Movies

Step 4:

Analyzed insights such as:

* Action and Drama are most popular genres
* Ratings improved after 2010
* USA and UK produce most top – rated movies

**Conclusion:**

Power BI dashboard helped visualize movie performance data and identify trends that influence audience ratings