Movie Genre Popularity Analysis

Team Members:

[Names]

Date: [DD/MM/YYYY]

Introduction

Project Objective:

Analyze movie genre popularity trends.

Importance:

Helps content creators and distributors.

Dataset Description

- Source: IMDb, TMDb

- Features: title, genre, rating, revenue

- Format: CSV

- Rows: ~10,000

Data Cleaning

- Removed duplicates

- Handled missing values

- Standardized genre names

Feature Engineering

- Extracted release year

- Created multi-genre flags

- Derived new columns

Data Transformation

- Encoded categorical data

- Scaled numerical features

Summary Statistics

- Avg. rating, revenue

- Genre frequency

- Yearly trends

Visualizations

- Bar chart: Genre distribution

- Scatter: Revenue vs. Rating

- Heatmap: Feature correlations

Insights

- Action, Drama dominate

- Comedy, Romance declining

- High ratings != high revenue

Conclusion

- Cleaned and analyzed data

- Discovered genre patterns

- Next: Predictive modeling

GitHub & Contact

GitHub Repo: [Your GitHub Link Here]

Contact: [Your Email or Team Name]