Investigate_TMDb_Movies

This data set contains information about 10,000 movies collected from The Movie Database (TMDb), including user ratings and revenue. I will use the Python libraries NumPy, pandas, and Matplotlib to do this project.

Tip: Now that you've trimmed and cleaned your data, you're ready to move on to exploration. Compute statistics and create visualizations with the goal of addressing the

Research Questions

1. What is the average runtime of movies?
2. Which year has the highest release of movies?
3. Which year has the highest earn revenue?
4. Which genre has the highest number of movies?
5. what is the correlation between budget and revenue?

Conclusions

- Drame, Comedy, Thriller , Action and adventure are five most-made genres.
- Maximum Number Of Movies Release In year 2014.
- Runtime of all movies almost have normal distribustion around 106.
- Revenue is directly connected to the budget, they have possitive correlation.
- Movies with higher budgets have shown a corresponding increase in the revenues.
- Genre must be : Action, Adventure, Thriller, Comedy, Drama.