MICROSOFT MOVIE ANALYSIS

RECOMMENDER SYSTEM

Business understanding

Here the role expected of a data scientist is to explore through the datasets and be able to come up with the solution to question problem

-In the dataset we should execute data that is relevant to come up with the best movies

Based on the foreign gross,domestic gross and ratings of a specific movie produced per year

DATA UNDERSTANDING

-The two datasets in csv format have similarities in some movies produced eg the title names of the movies together with the times they were released

-Analysis is to be done on selected columns such as the year released,the vote averages referring to ratings and the gross values both domestic and foreign

DATA ANALYSIS

-Data analysis was using the EDA EXPLORATORY ANALYSIS

-It contains two methods :Univariate analysis-used to analyse data considering one varia-ble

Bivariate analysis-analysis based on the relationship between two variables

-From the results yielded „the metric for success was absolutely obtained hence a Null hypothesis

-The findings were visualized in graphs and scatter plots for easy understanding

RECOMMENDATIONS

-Based on the findings from the movie analysis :

>I highly recommend creation of movies based on their ratings per series produced

>Also consider the domestic and foreign gross earned by the movie

*In short, go for highly rated movies such as ‘Toy Story 3’ movies and those that relate closely with it

NEXT STEPS

_In the future i would love to encode more features analysis using the univariate and bivariate methods and also explore other ways to perform the analysis to its best.

THANKYOU

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