Meets Specifications

General Review:
Hi Burak,
Yours is a strong submission, I think you have done a wonderful job analyzing this dataset! Congratulations on passing this project, and good luck with your upcoming lessons! Keep up the good work!

Code Functionality

All code is functional and produces no errors when run. The code given is sufficient to reproduce the results described.
Review: Well done, all code is functional!

The project uses NumPy arrays and Pandas Series and DataFrames where appropriate rather than Python lists and dictionaries. Where possible, vectorized operations and built-in functions are used instead of loops.
The code makes use of functions to avoid repetitive code. The code contains good comments and variable names, making it easy to read.
Review: Good use of code comments, well done defining your own functions like *calculate()*!

Quality of Analysis

The project clearly states one or more questions, then addresses those questions in the rest of the analysis.
Review: Awesome job, various questions about the dataset are investigated!

Data Wrangling Phase

The project documents any changes that were made to clean the data, such as merging multiple files, handling missing values, etc.
Review: The data cleaning steps are appropriately documented! Good job catching those movies where *budget* and *revenue* are 0!

Exploration Phase

The project investigates the stated question(s) from multiple angles. At least three variables are investigated using both single-variable (1d) and multiple-variable (2d) explorations.
Review:

SUGGESTION

In order to pass this project, you need to explore at least three variables are investigated using both single-variable (1d) and multiple-variable (2d) explorations. I'm passing you here because the requirements ask for **exploration** of variables, which you have done nicely (budget, run time, revenue, profit etc) , however, please note for future projects that especially the 1d explorations typically involve plotting histograms or boxplots for each variable. This allows you to get a good impression of the distribution of numeric variables, and is often very helpful in subsequent analysis steps.

The project's visualizations are varied and show multiple comparisons and trends. Relevant statistics are computed throughout the analysis when an inference is made about the data.

At least two kinds of plots should be created as part of the explorations.

Conclusions Phase

The results of the analysis are presented such that any limitations are clear. The analysis does not state or imply that one change causes another based solely on a correlation.
Review: Well done, the report contains conclusions and important limitations!

Communication

Reasoning is provided for each analysis decision, plot, and statistical summary. Visualizations made in the project depict the data in an appropriate manner that allows plots to be readily interpreted.