Response Summary:

1. Student Information *

First Name	Ema
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Major	Animation
Course *(e.g. CGT 270-001)*	CGT 270-02
Term *(e.g. F2019)*	S2022

2. Email Address *
(University Email Address is required.)
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3. Visualization Assignment *
- Lab Assignment

Analyze

4. Basic Descriptors: for each data component from the Parse Worksheet, identify basic descriptors (basic statistics). Explain *
Titles/Films: 113 films
Genre: 6 genres
Studios/Lead Studios: 13 studios
Audience Score %: Average Score - 64.1369863% Range of Scores - [35, 89]
Profitability: Average Profitability - 4.741609797 Range of Profitability - [0.005, 66.934]
Rotten Tomatoes %: Average Score - 47.35616438% Range of Scores - [3, 96]
Worldwide Gross: Average Gross - $380,459,405 Range of Gross - [$0, $2,743,577,587]
Year: 2007-2012
Domestic Gross: Average Gross - $333,901,511 Range of Gross - [$144,130,063, $749,766,139]
Domestic Gross %: Average % - 33.46% Range of % = [18.40%, 53.20%]
Foreign Gross: Average Gross - $653,591,588.67 Range of Gross - [$390,463,587.00, $1,993,811,448.00]
Foreign Gross %: Average % - 66.54% Range of % - [46.80%, 81.60%]
Theaters: Average Theaters - 4,103
Release Date: March 24 - December 18

5. Categorize: consider what is similar and what is different? Categorize the data. Are the variables categorical (normal, ordinal, or rank). Are they quantitative (discrete or continuous)? Show categories. Explain. *
All of the categories are nominal, except for the second and third set of data, which deals with the five highest grossing films in each year from 2007-2012. That set of data would be ordinal because it is ranked one though five.

6. Temporal: is the data streaming data? How is it stored (all at one time, over several years in years, days, minutes, seconds)? Explain. *
The data was mostly complete once the films finished their initial run in theaters, however the Rotten Tomatoes and audience scores can be tweaked as time goes on.

7. Range and Distribution: what is the distribution of the data? Few values, small size, evenly spread, sparse or dense? Explain. *
The data is distributed between a large range of numbers. There are percents and grosses that reach the millions.

Evaluate

8. Questions and Assumptions: list at least 3 questions you plan to answer with the data or list the questions if they were provided. Must be complete sentences and end in a question mark. What assumptions are you making? *

Question 1	What types of movies made the most money in 2007 to 2012?
Question 2	What movies did better overseas than domestically?
Question 3	How did ratings affect a film's gross?
Assumptions	I assume that the numbers are correct and the right numbers for what I need.