

**DOMESTIC AND FOREIGN  
GROSS INCOMES OF  
VARIOUS MOVIES AND  
THEIR STUDIOS.**

# FINDINGS

1.Domestic\_gross: The average gross revenue in the domestic market is approximately 28.77 million USD, with a standard deviation of 67.01 million USD. The minimum and maximum gross revenues are 100 USD and 936.7 million USD, respectively.

2.Foreign\_gross:The average gross revenue in the foreign market is approximately 53.23 million USD, with a standard deviation of 110.33 million USD. The minimum and maximum gross revenues are 600 USD and 960.5 million USD, respectively.

3.Year: The movies in the dataset were released between 2010 and 2018.

# MOVIES PRODUCED AND TOTAL REVENUE GENERATED FINDINGS.

1. From the bar charts, we can see that while 'IFC' produced the most movies, it did not generate the most revenue. On the other hand, 'BV' produced fewer movies but generated the highest revenue, both domestically and internationally.

2. The analysis provides a high-level overview of the movie industry, showing the relationship between the number of movies produced by a studio and the revenue generated. It can be used to inform strategic decisions, such as which studios to partner with or invest in.

# DOMESTIC AND FOREIGN GROSS RELATION

- 1.The correlation between 'domestic\_gross' and 'foreign\_gross' is approximately 0.785, indicating a strong positive relationship.
- 2.The correlation between 'domestic\_gross' and 'year' is approximately 0.018, indicating a very weak relationship.
- 3.The correlation between 'foreign\_gross' and 'year' is approximately 0.055, indicating a weak relationship.



# RECOMMENDATIONS BASED ON ANALYSIS

1. Partner with High-Revenue Studios: Studios like 'BV' have been shown to generate high revenues despite producing fewer movies. Partnering with such studios could lead to high returns.
2. Consider the Global Market: The analysis shows that foreign gross revenues have increased. This suggests a growing market for movies outside of the domestic market. Therefore, it could be beneficial to consider international trends and preferences when producing movies.
3. Focus on Quality over Quantity: The studio 'IFC' produced the most movies but did not generate the most revenue. This suggests that the number of movies produced does not necessarily correlate with high revenue. Therefore, focusing on the quality of the movies could potentially lead to better financial outcomes.
4. Analyze Yearly Trends: The number of movies released peaked in 2015 and has been slightly decreasing since then. It could be beneficial to further analyze the trends in the movie industry during these years to understand the factors that led to these changes. This could inform future strategies for movie production.
5. Invest in Market Research: Given the fluctuations in both the number of movies produced and the gross revenues, it would be beneficial to invest in market research to better understand the changing trends and preferences in the movie industry. This could help in making informed decisions about which types of movies to produce and when to release them.