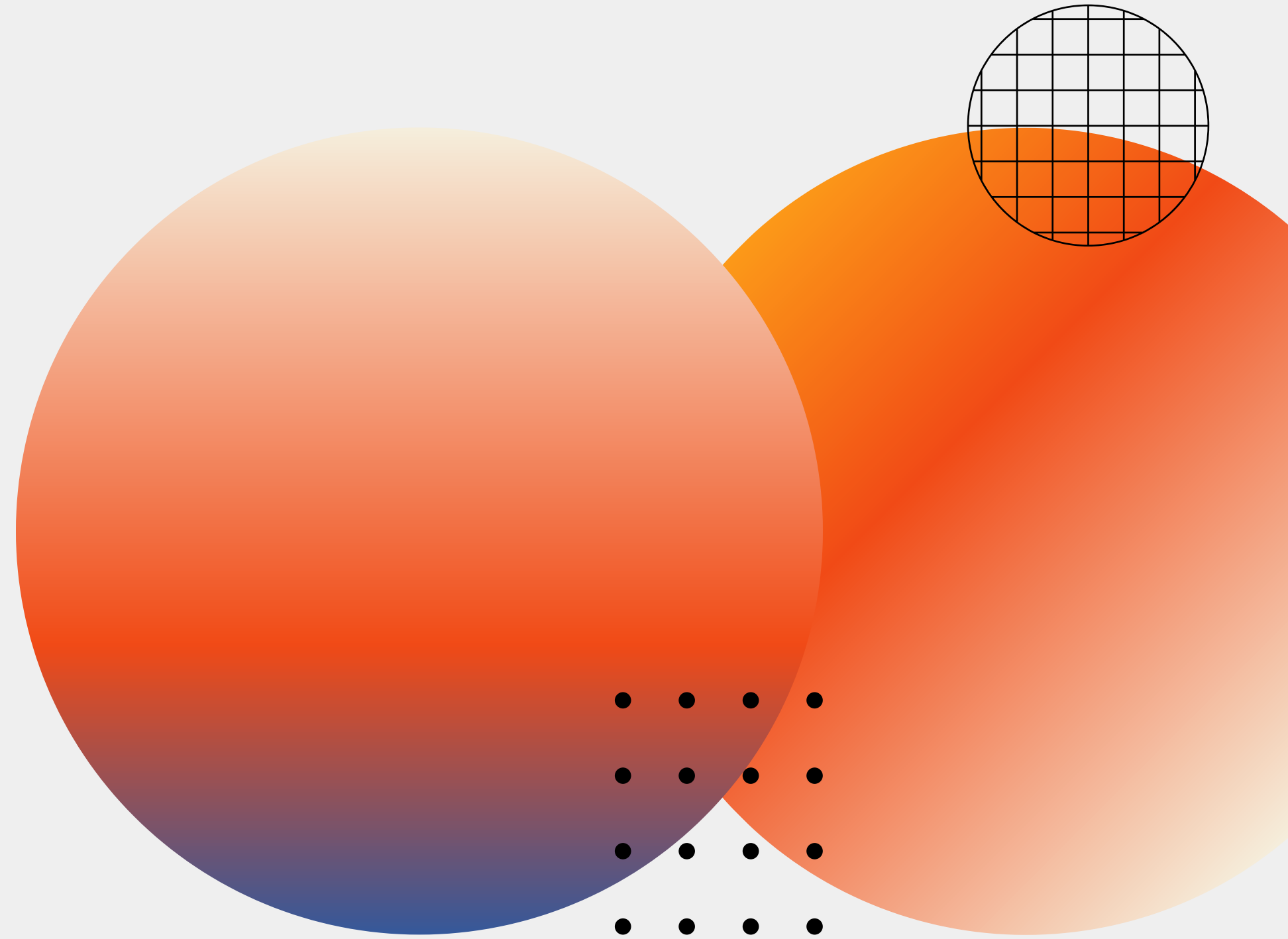
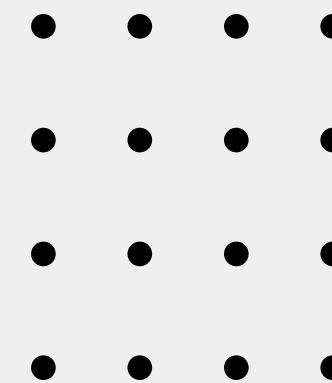


# Best Selling Game on Steam Analysis



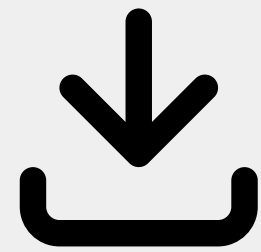
# About Steam



Steam is a digital distribution service for video games by Valve. Steam was launched as a standalone software client as a way for Valve to provide automatic updates for their games, and was expanded to include games from third-party publishers.

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# The Objectives



Analysis Top 10 Most  
Downloaded Games



Analysis Top 10 Games  
With Highest Prices



Correlation Between  
Prices and Downloads



Actual vs Predicted  
Downloads

# Methodology

Data Preparation &  
Cleaning



Exploratory Data  
Analysis



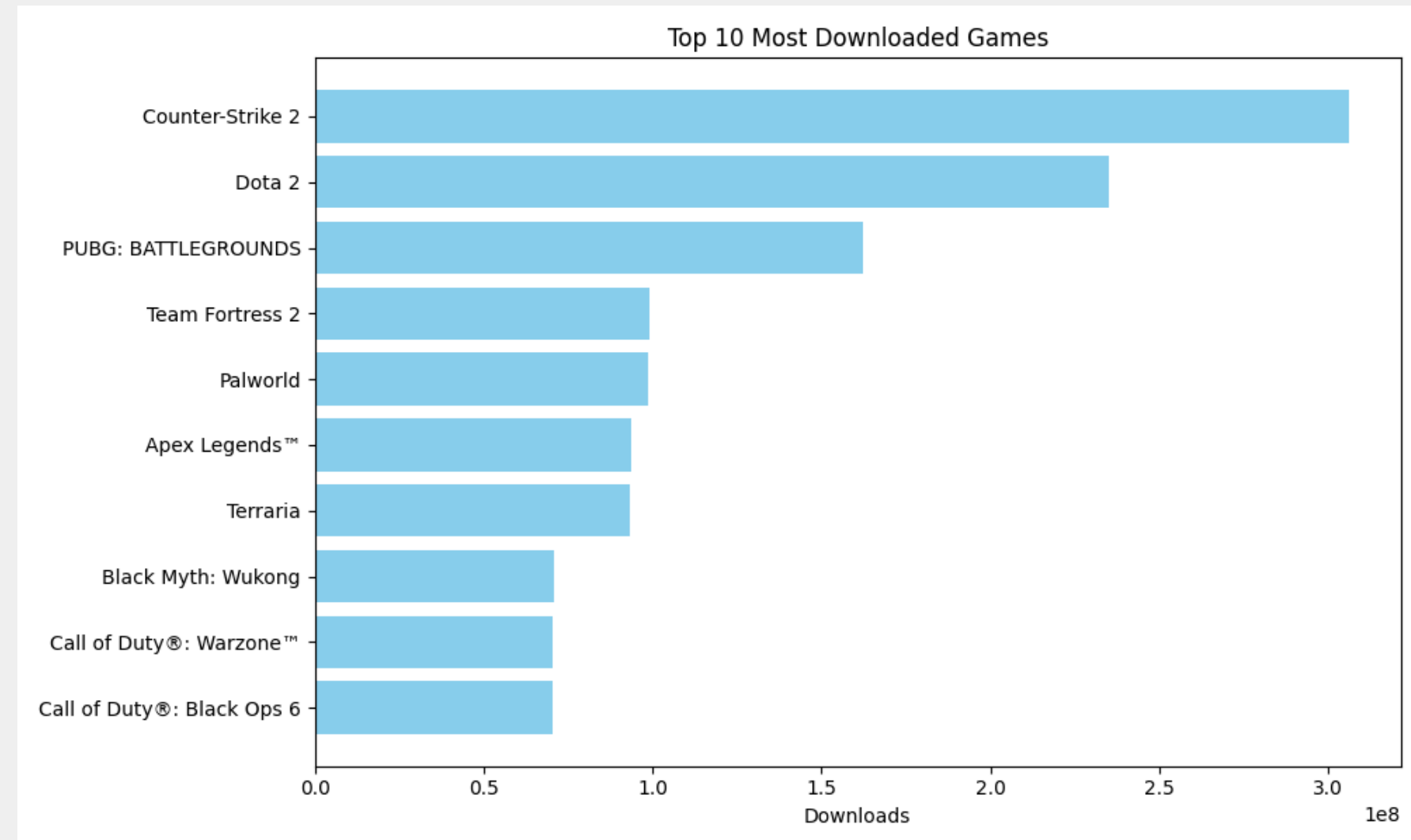
Data Analysis &  
Visualization



Insight & Summary

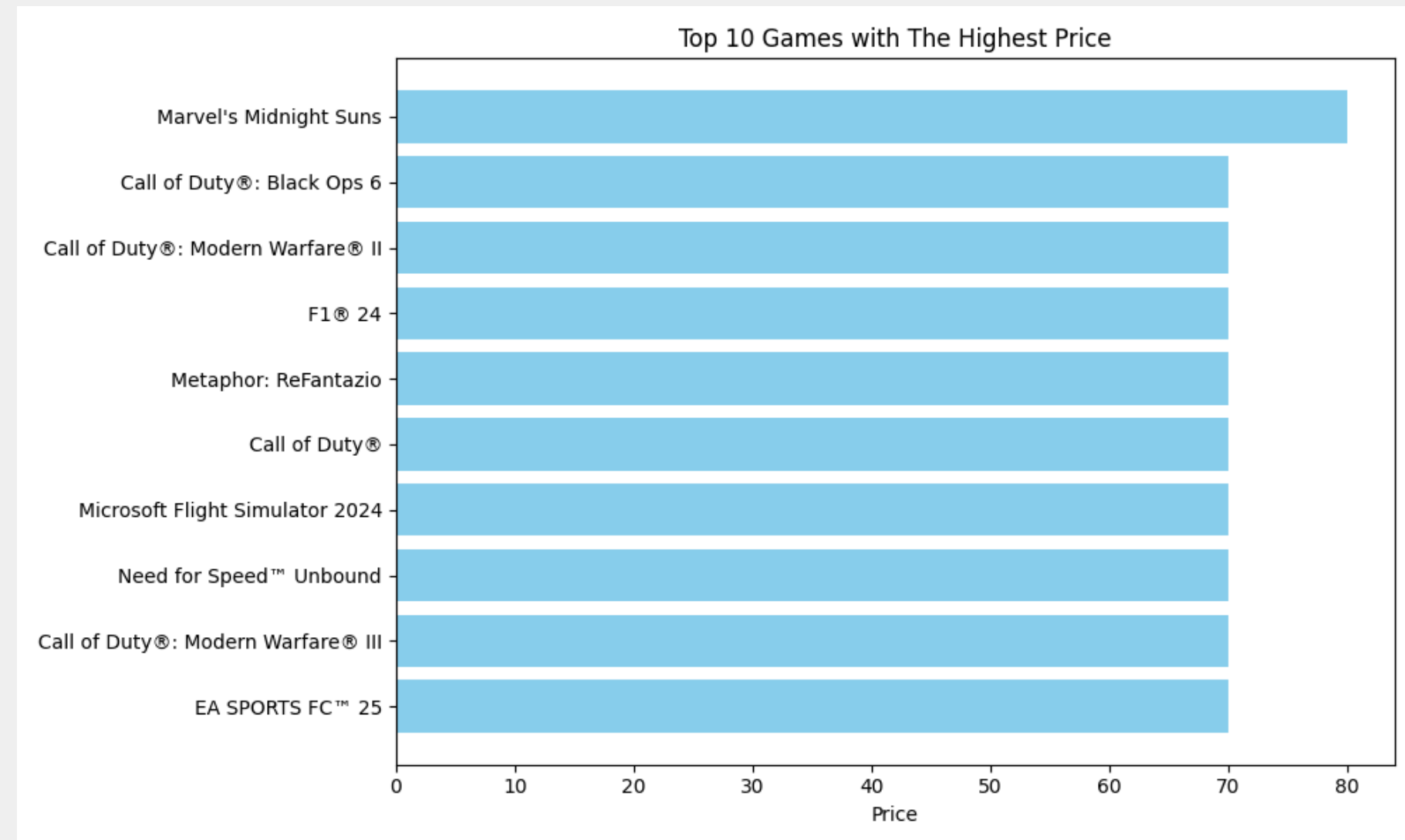
# Top 10 Most Downloaded Games

- Counter-Strike 2 tops the list with nearly 300 million downloads, followed by Dota 2 (220 million) and PUBG: BATTLEGROUNDS (180 million). These games stand out for their competitive nature and strong communities.
- In the middle of the list are Team Fortress 2, Palworld, and Apex Legends, both of them are classic games with unique concepts can still attract significant interest.
- Terraria, Black Myth: Wukong, and two titles from the Call of Duty series they still record high download numbers above the industry average even though they are in a lower position.



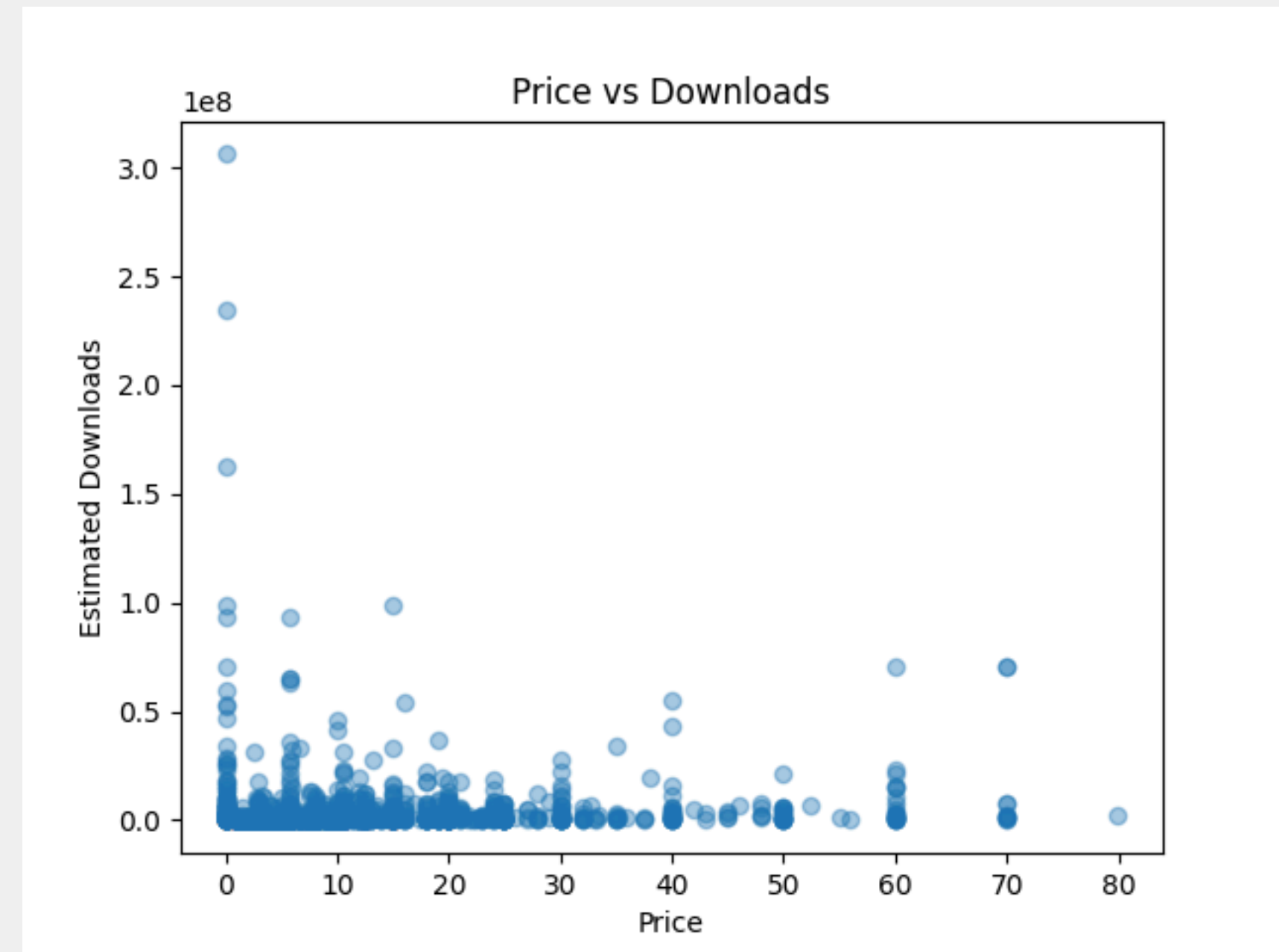
# Top 10 Games with The Highest Price

- From the graph we can conclude that Marvel's Midnight Suns is the most expensive game (\$80) available on the Steam platform at the time this data was collected.
- Other games have the same price at \$70.



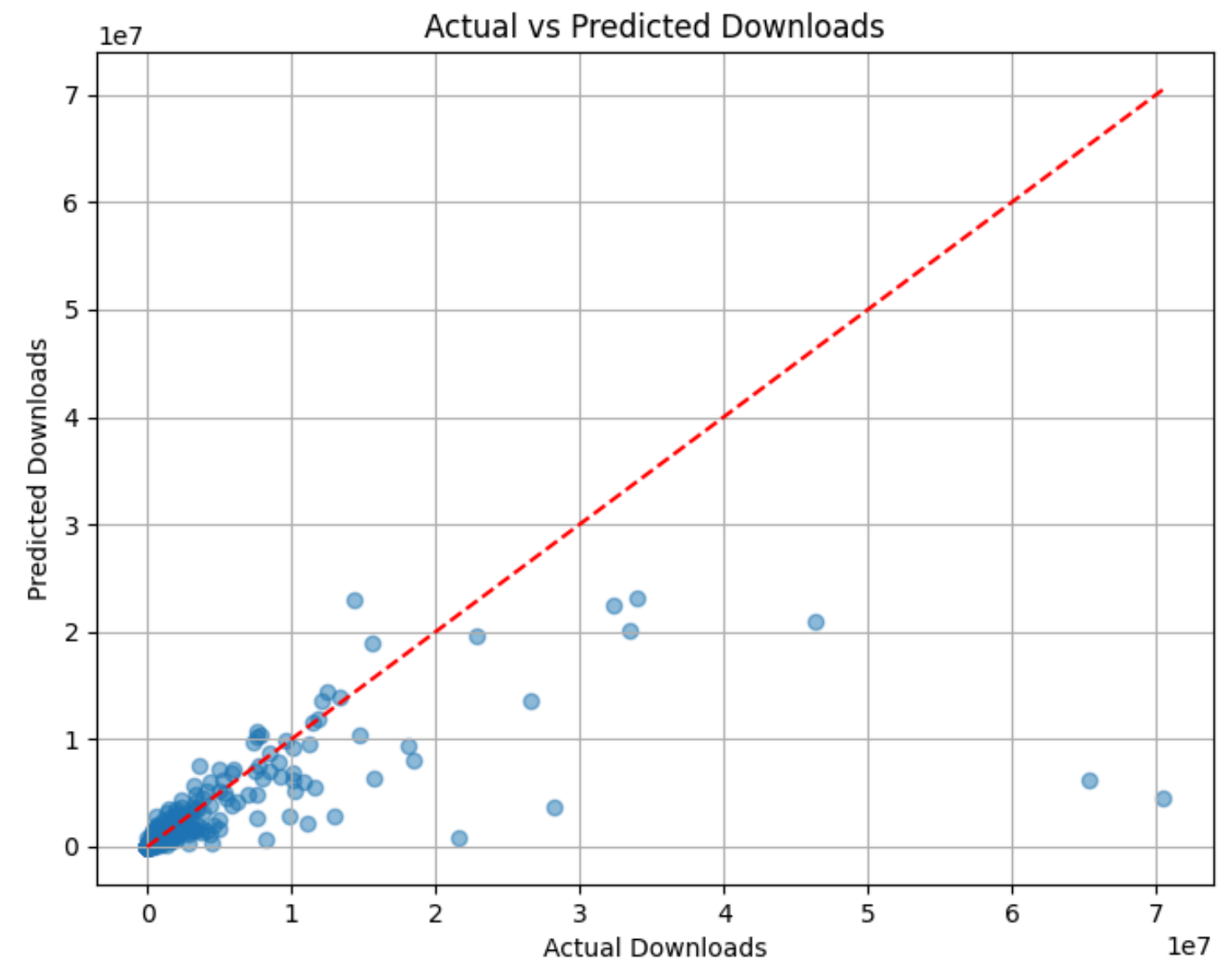
# Price vs Downloads Correlation

- Visually, it can be seen that the graph shows a very scattered distribution of points and does not show a trend between price and number of downloads.
- It's supported by a very low correlation value (Pearson) of 0.06.



# Actual vs Predicted Downloads

Based on the graph, it can be seen that there is a positive correlation between actual values and predicted values for most games available on the platform. However, for some games with very high downloads (above 20 million), the model tends to underestimate, resulting in predicted values that are much lower than actual values.





# Summary

- In the top 10 most downloaded games, it can be concluded that competitive games with large communities like FPS or strategic games occupy the top positions.
- Most games are priced at around \$70, with the most expensive game being Marvel's Midnight Suns at \$80.
- The correlation between high game prices and download numbers is weak, which could be due to other factors such as genre, community, developer, etc.
- Most games have actual values and predicted download numbers that are not significantly different, except for a few well-known popular games, especially FPS, strategy, and other games with active communities.

