

## Video Games / Epic-Games Analysis Using Tableau

In the fast-paced world of video games, where online platforms have become the cornerstone of gaming experiences, Epic Games stands tall as a leading player. Dedicated to meeting the surging demand and supply for gaming, Epic Games has emerged as a prominent online platform, catering to a thriving community of gamers-turned-professionals while generating substantial revenue. As a Business Analyst at Epic Games, your mission is to explore the "Video\_Games" dataset, uncover valuable insights, and identify patterns that will drive strategic decision-making for this dynamic online gaming platform.



At Epic Games, an online platform renowned for its vast collection of games, your role as a Business Analyst is crucial in understanding the ever-changing landscape of the gaming industry. By analyzing sales figures, you will unravel the most popular games and dominant genres that resonate with the gaming community. Additionally, you will delve into the relationship between critical acclaim and commercial success, uncovering the factors that contribute to a game's popularity and financial performance.

The table Epic-Games is a .CSV file and has the following columns, details of which are as follows:

- **Name:** This column represents the name of each video game in the dataset, providing a unique identifier for each entry.
- **Platform:** The "Platform" column denotes the gaming platform on which each game is designed to be played. It encompasses a wide range of platforms, including popular ones like PlayStation, Xbox, and PC, among others.
- **Year\_of\_Release:** This column captures the year in which each game was released, providing a temporal perspective on the gaming industry's evolution over time.
- **Genre:** The "Genre" column categorizes each game into specific genres or categories, such as action, sports, role-playing, strategy, and more. This classification allows us to discern patterns and trends within different genres.
- **Publisher:** The "Publisher" column signifies the company or entity responsible for publishing and distributing each game. It sheds light on the key players in the gaming industry and their contributions to the market.
- **NA\_Sales:** The "NA\_Sales" column represents the sales figures for each video game in North America. It provides insights into the popularity and market demand for games in this region. By analyzing the NA\_Sales column, we can identify which games have resonated with the North American gaming audience and understand the regional preferences and trends.
- **EU\_Sales:** The "EU\_Sales" column captures the sales figures for each video game in Europe. It allows us to examine the performance and acceptance of games within the European market. Analyzing the EU\_Sales column helps us uncover the gaming genres, titles, or platforms that have gained traction and achieved commercial success in Europe.

- **JP\_Sales:** The "JP\_Sales" column denotes the sales figures for each video game in Japan. This column offers valuable insights into the unique gaming landscape of Japan, which is known for its distinct gaming preferences and thriving industry. By examining the JP\_Sales column, we can identify the games that have captivated Japanese gamers and understand the cultural factors influencing gaming trends in this market.
- **Other\_Sales:** The "Other\_Sales" column encompasses the sales figures for each video game in regions other than North America, Europe, and Japan. It accounts for sales from various international markets, such as Asia, Oceania, and South America. Analyzing the Other\_Sales column enables us to identify emerging gaming markets, assess the global reach of specific games, and uncover regional variations in gaming preferences.
- **Global\_Sales:** The "Global\_Sales" column aggregates the total sales figures for each game worldwide, combining sales data from various regions to provide a comprehensive view of a game's commercial success.
- **Critic\_Score:** The aggregated score or rating given by critics to the game.
- **Critic\_Count:** The number of critics who provided ratings for the game.
- **User\_Score:** The aggregated score or rating given by users or gamers to the game.
- **User\_Count:** The number of users or gamers who provided ratings for the game.
- **Developer:** The "Developer" column specifies the company or individual responsible for developing each game. It highlights the diverse range of developers and their contributions to the gaming industry.
- **Rating:** The "Rating" column signifies the age rating or content rating assigned to each game. This column helps identify games suitable for different age groups and provides insights into content restrictions and guidelines.



## Genres and their Sales

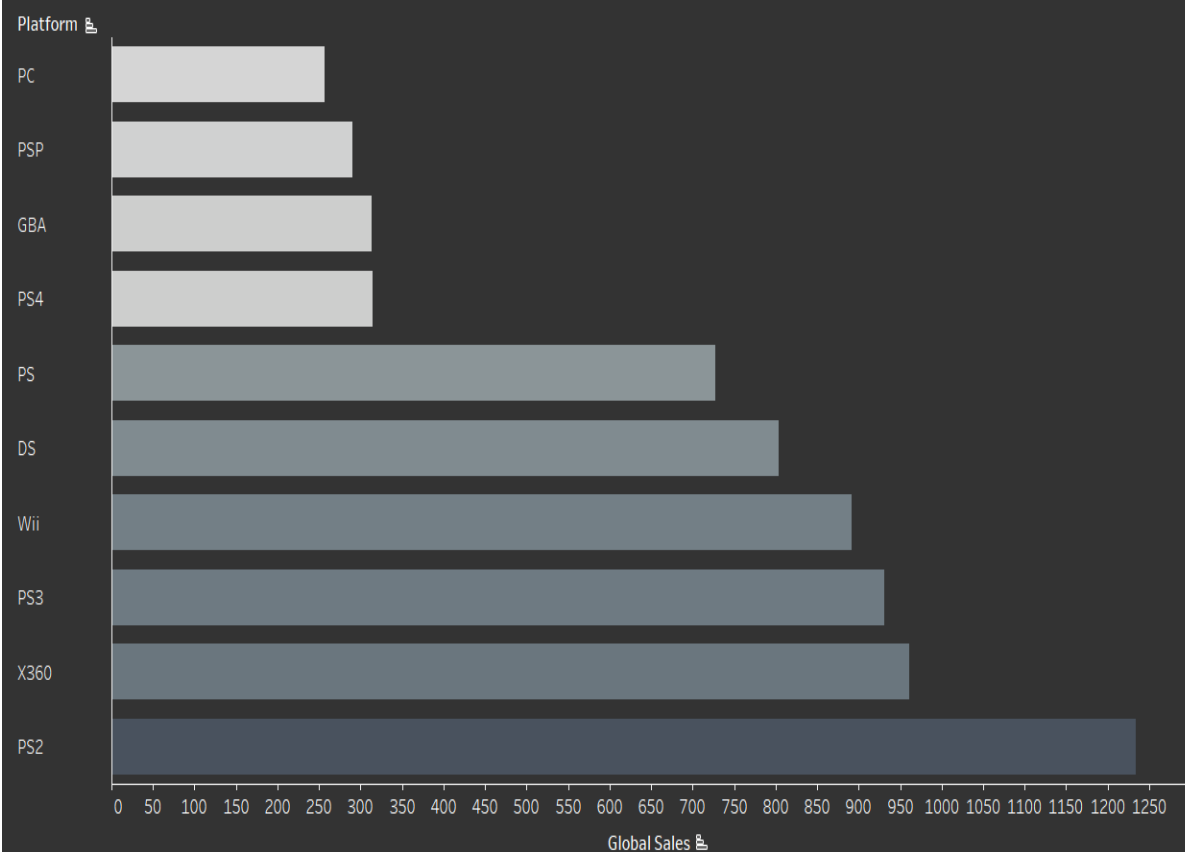
Genre	
Action	1,718
Sports	1,310
Shooter	1,042
Role-Playing	931
Platform	826
Misc	791
Racing	724
Fighting	443
Simulation	388
Puzzle	240
Adventure	233
Strategy	173
Null	2

Year of Release

SUM(Global Sales)

2  1,718

## Top Platforms and their Global sales



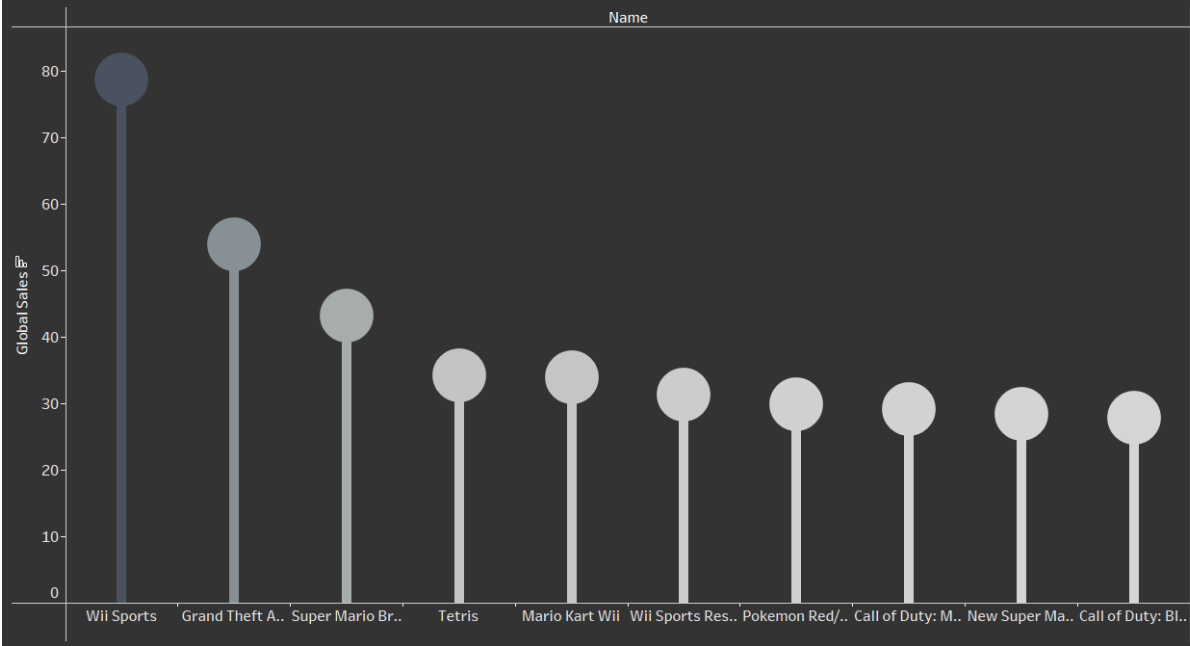
Year of Release

Top 15

SUM(Global Sales)

256.6  1,233.5

## Top Games as per their Global Sales



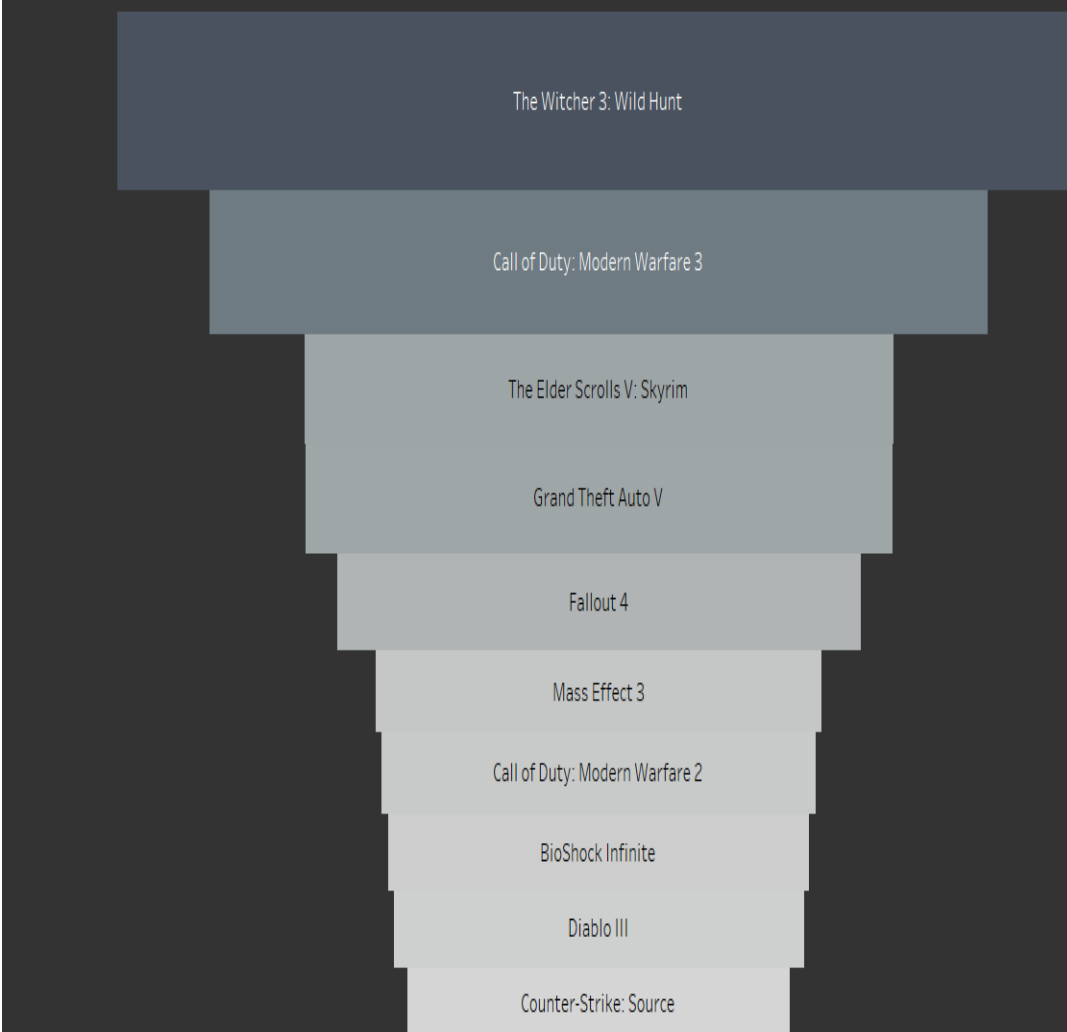
Year of Release

1980 2020

SUM(Global Sales)

29.19 82.53

## Top Games as per the number of users



Year of Release

1980 2020

Top 15

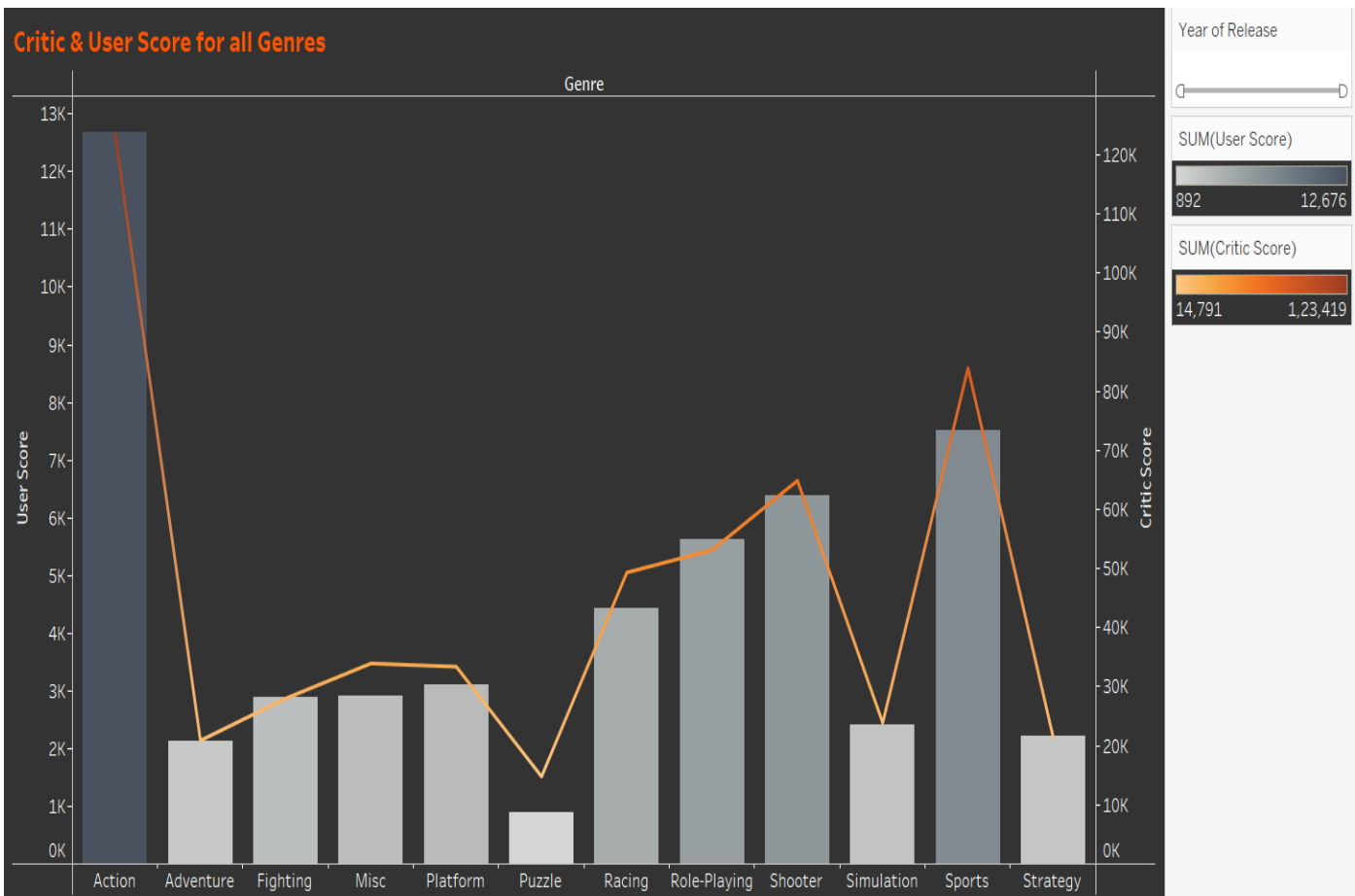
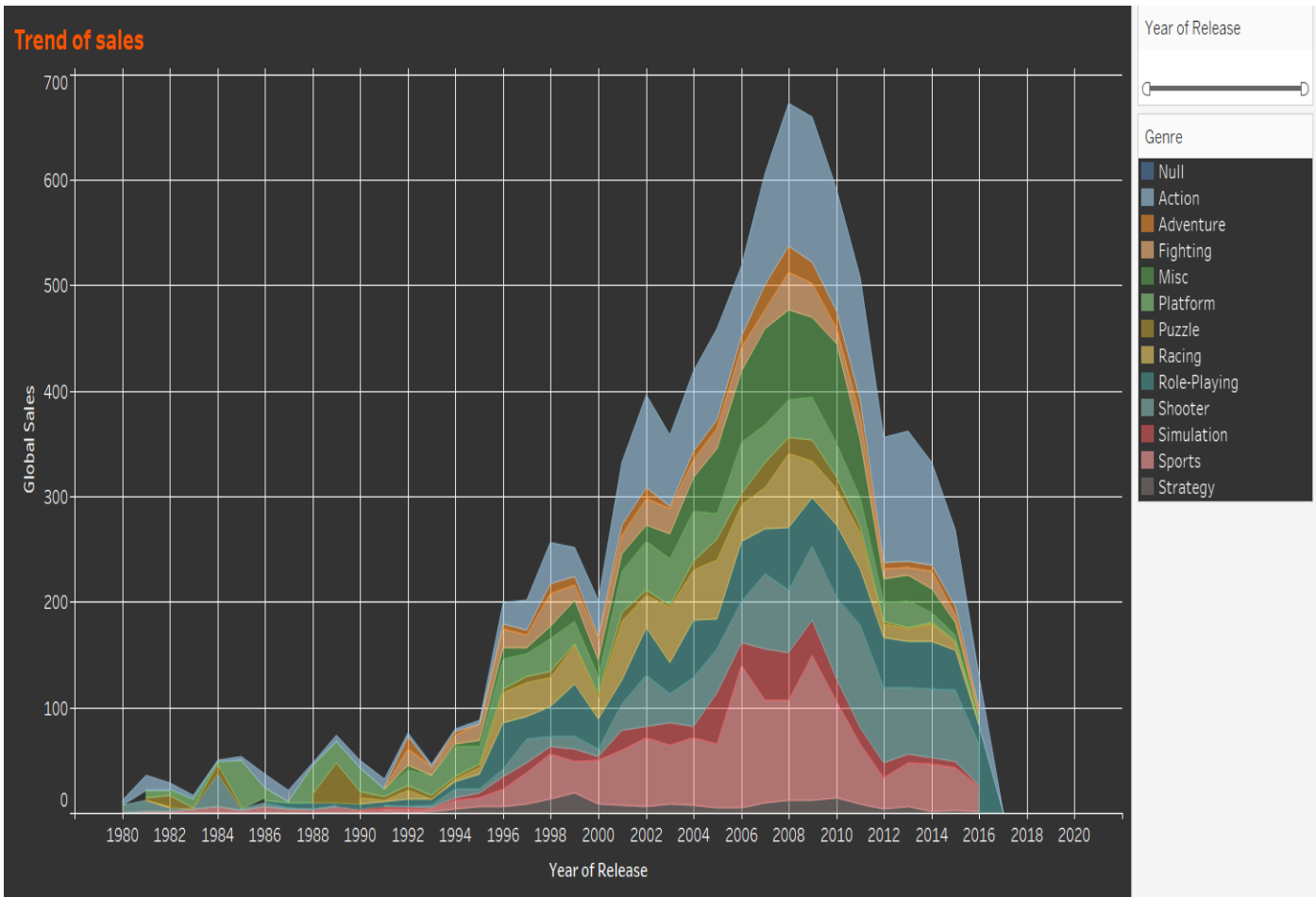
10

SUM(User Count)

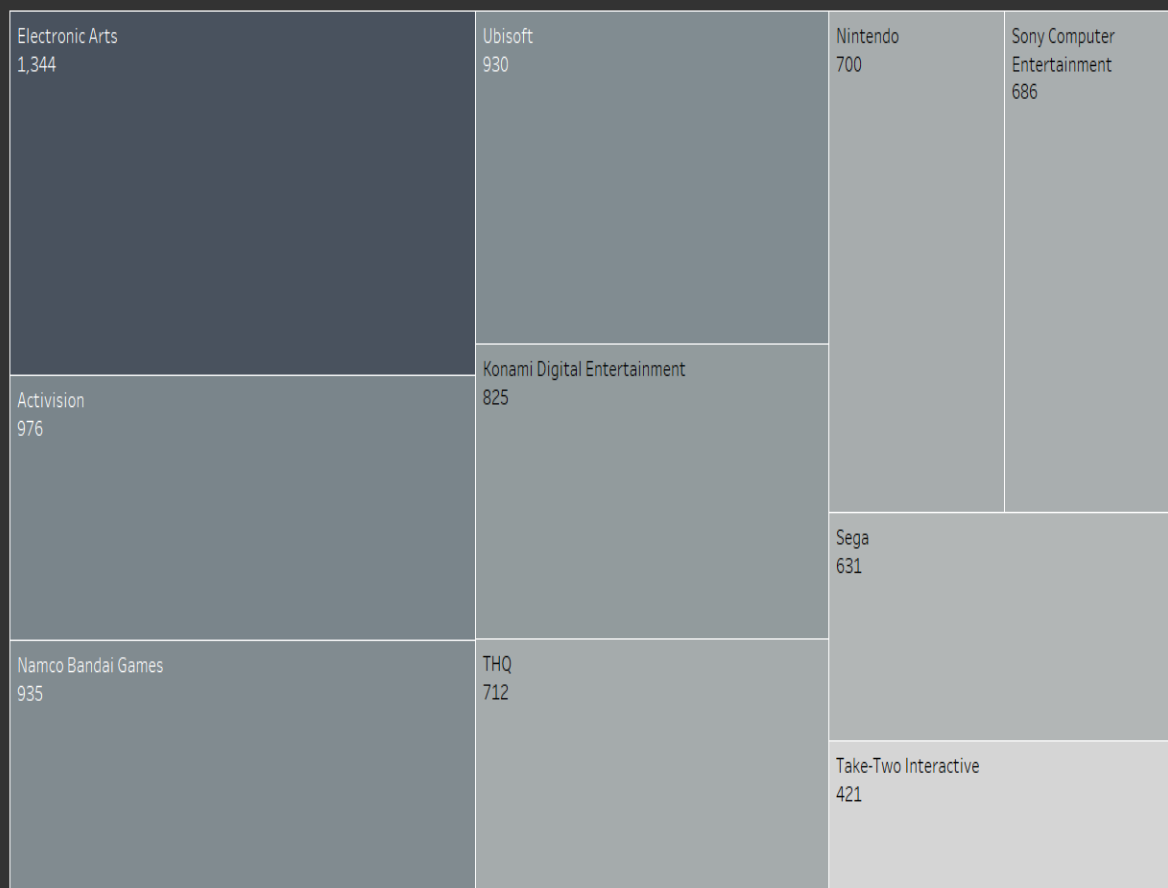
9,851 24,807

SUM(User Count)

9,851 15,000 20,000 24,807



## Top Publishers



Year of Release

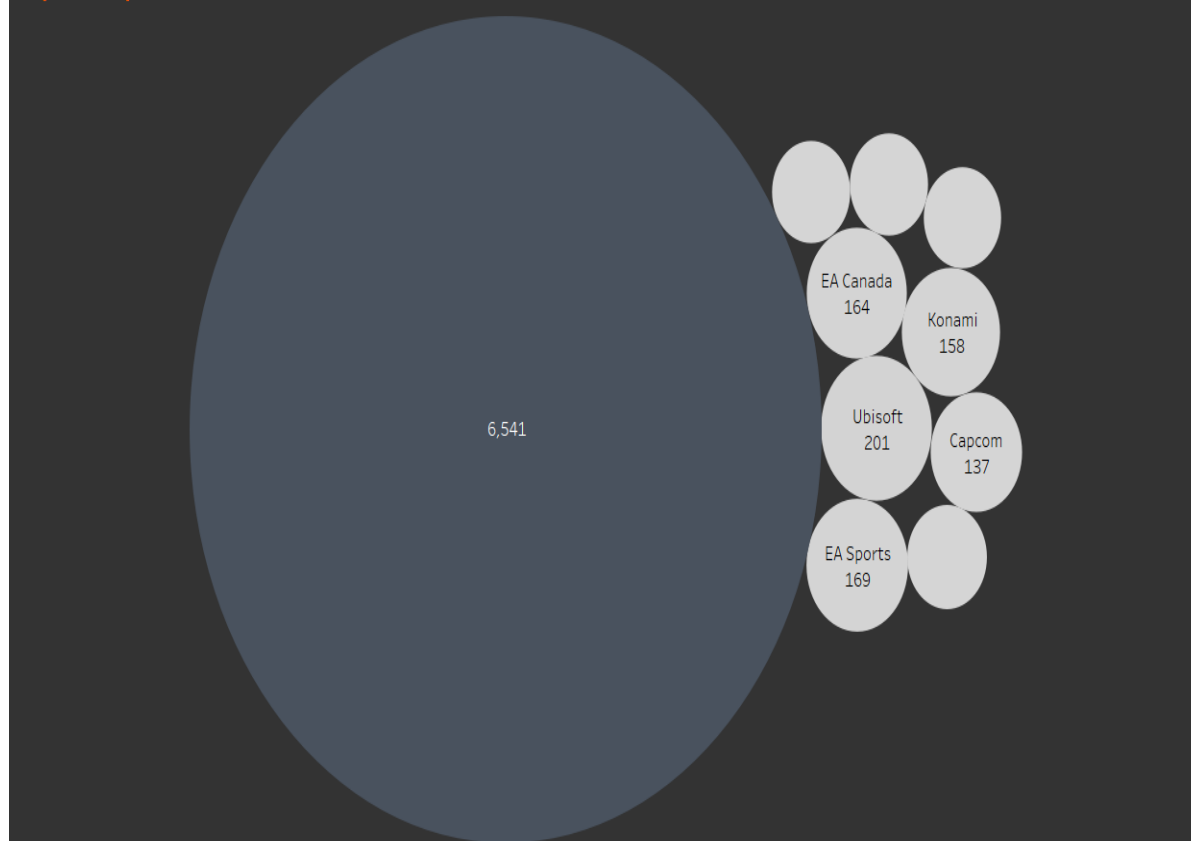
1980 2020

Q D

CNT(Name)

421 1,344

## Top developers



Year of Release

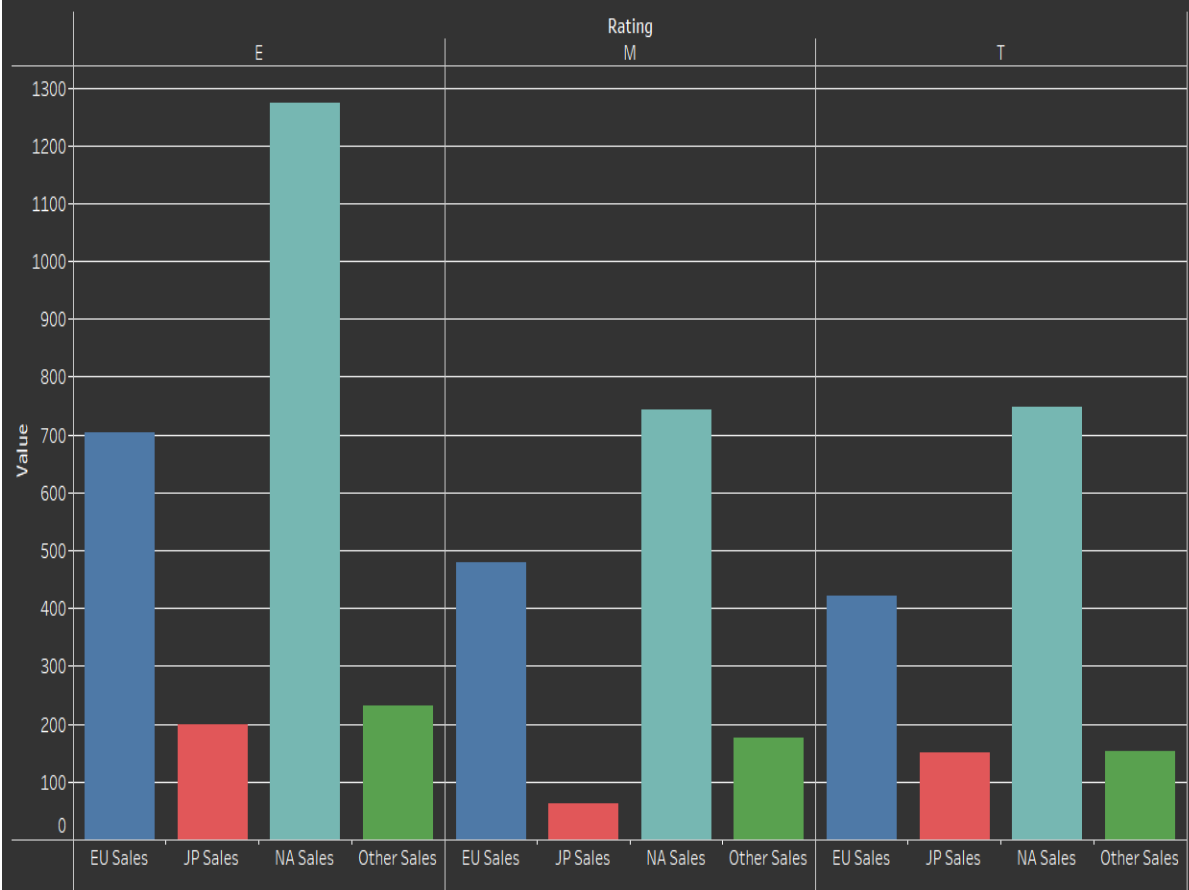
1980 2020

Q D

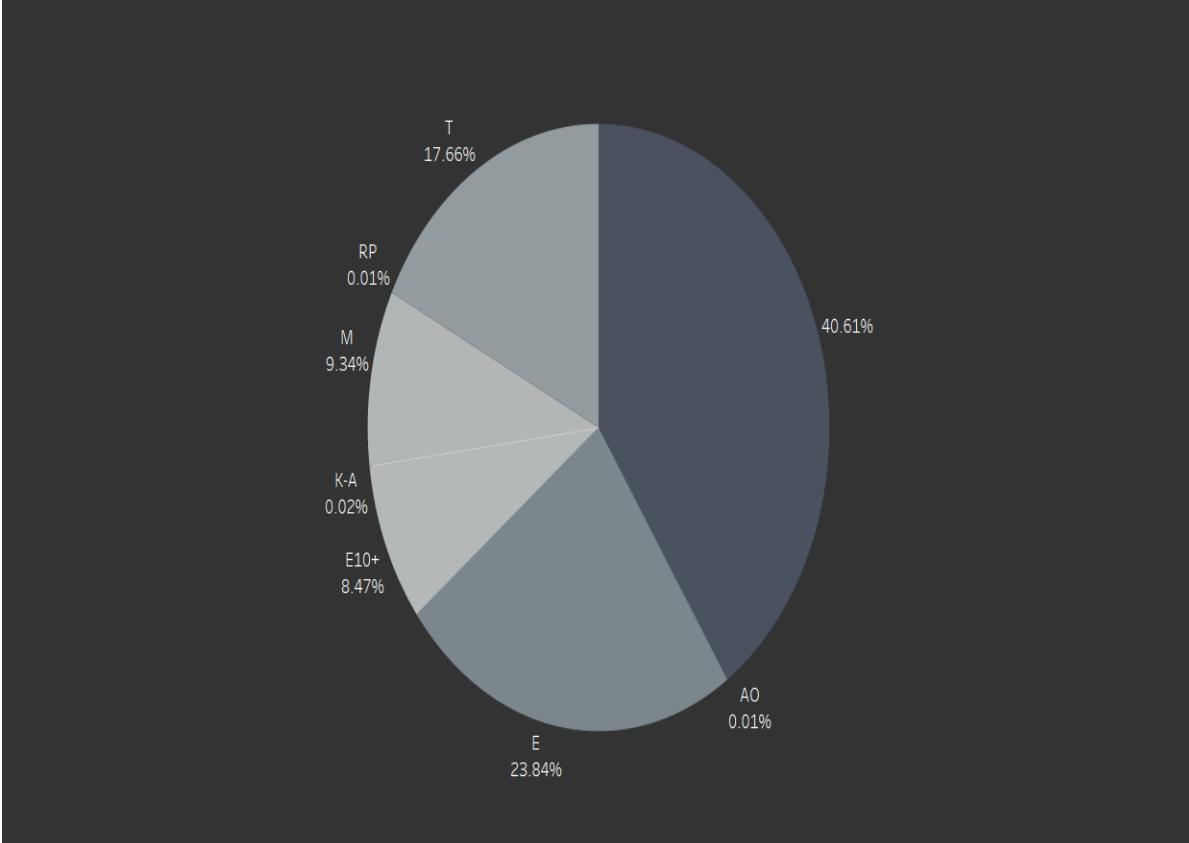
CNT(Name)

98 6,541

## Sales of all the regions for Age Rating



## Game Age Rating





Total Sales

8,821

EU Sales

2,400

JP Sales

1,291

NA Sales

4,343

Other Sales

783

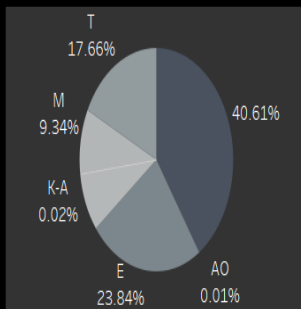
Year of Release

1980 2020

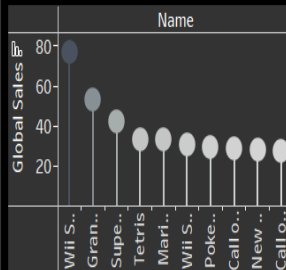
Top 15

10

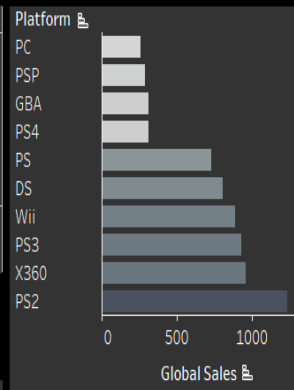
### Game Age Rating



### Top Games as per their Global Sales



### Top Platforms and their Global sales



### Sales of all the regions for Age Rating



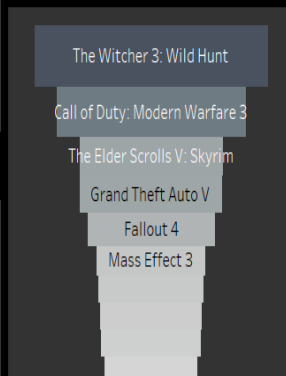
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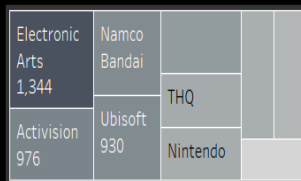
### Top developers



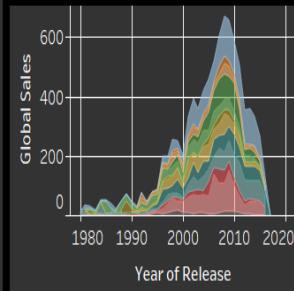
### Top Games as per the number of users



### Top Publishers



### Trend of sales



### Critic & User Score for all Genres

