

Stats Project 1: Team Nugget

Amanda, Ben, Viv

Source and inspiration

Kaggle: <https://www.kaggle.com/ashaheedq/video-games-sales-2019>

We like video games. We are interested to see the correlation between video game critic scores and sales as well as other questions relating to the video game industry. For this type of question, we would look at correlation and how the relationship has changed over time as well as for different countries. We can also ask other questions such as which publishers have the highest sales? Best reviews? How has video game sales changed over time? Geographically? What does the relationship between genre and sales look like? Genre and reviews? Which genres are more popular in each market?

The data was scraped from <http://www.vgchartz.com/gamedb/> using Python April 12th, 2019 and was hosted on Kaggle.

Data Dimensions

Observations: 55,792

Variables: 23

Description of all variables

Variable Name	Description
Rank	Rank of overall sales compared to other games
Name	The title of the video game
Basename	The name of the video games, but with "-" instead of " "
Genre	Genre of the video game
ESRB_Rating	Rating of the video game from K to A0
Platform	The console the video game was released on
Publisher	Name of who released the video game
Developer	Name of who made the video game
VGChartz_Score	A numeric score from 0 to 10, is the score of a VGChartz reviewer
Critic_Score	A numeric score from 0 to 10, is an average of the critic scores across popular video game sites.

User_Score	A numeric score from 0 to 10, is an average of the user scores on the website VGChartz.com
Total_Shipped	Total copies games shipped measured in millions
Global_Sales	Sales of the video game across all markets measured in millions of US dollars
NA_Sales	Sales of the video game in North America measured in millions of US dollars
PAL_Sales	Sales of the video game in Europe measured in millions of US dollars
JP_Sales	Sales of the video game in Japan measured in millions of US dollars
Other_Sales	Sales in the rest of the world measured in millions of US dollars
Year	The year the game was released
Last_Update	The date of the last edit to the video game's webpage entry
Url	The url link to the video on the website
Status	1 for all rows, will not be used.
Vgchartzscore	A numeric score from 0 to 10, is the score of a VGChartz reviewer
img_url	The website URL of each entry