**Video Game Sales**

**Analyze sales data from more than 16,500 games.**

https://www.kaggle.com/gregorut/videogamesales

This dataset contains a list of video games with sales greater than 100,000 copies. It was generated by a scrape of [vgchartz.com](http://www.vgchartz.com/).

Fields include

* Rank - Ranking of overall sales
* Name - The games name
* Platform - Platform of the games release (i.e. PC,PS4, etc.)
* Year - Year of the game's release
* Genre - Genre of the game
* Publisher - Publisher of the game
* NA\_Sales - Sales in North America (in millions)
* EU\_Sales - Sales in Europe (in millions)
* JP\_Sales - Sales in Japan (in millions)
* Other\_Sales - Sales in the rest of the world (in millions)
* Global\_Sales - Total worldwide sales.

The script to scrape the data is available at <https://github.com/GregorUT/vgchartzScrape>. It is based on BeautifulSoup using Python. There are 16,598 records. 2 records were dropped due to incomplete information.

# Video Game Sales with Ratings

## Video game sales from Vgchartz and corresponding ratings from Metacritic

https://www.kaggle.com/rush4ratio/video-game-sales-with-ratings/version/2

# Context

Motivated by Gregory Smith's web scrape of VGChartz [Video Games Sales](https://www.kaggle.com/gregorut/datasets), this data set simply extends the number of variables with another web scrape from [Metacritic](http://www.metacritic.com/browse/games/release-date/available). Unfortunately, there are missing observations as Metacritic only covers a subset of the platforms. Also, a game may not have all the observations of the additional variables discussed below. Complete cases are ~ 6,900

# Content

Alongside the fields: Name, Platform, Year\_of\_Release, Genre, Publisher, NA\_Sales, EU\_Sales, JP\_Sales, Other\_Sales, Global\_Sales, we have:-

* Critic\_score - Aggregate score compiled by Metacritic staff
* Critic\_count - The number of critics used in coming up with the Critic\_score
* User\_score - Score by Metacritic's subscribers
* User\_count - Number of users who gave the user\_score
* Developer - Party responsible for creating the game
* Rating - The [ESRB](https://www.esrb.org/) ratings

# Acknowledgements

This repository, <https://github.com/wtamu-cisresearch/scraper>, after a few adjustments worked extremely well!

# Inspiration

It would be interesting to see any machine learning techniques or continued data visualizations applied on this data set.

About this file

This dataset is part of learning data visualization using different python libraries like - Matplotlib, Seaborn & Plotly. For the solution, you can check the link given below. [Jupyter Notebook](https://mlcourse.ai/notebooks/blob/master/jupyter_english/topic02_visual_data_analysis/topic2_additional_seaborn_matplotlib_plotly.ipynb?flush_cache=true)