

Video game sales

This project will talk about the best-selling electronic games among companies such as Microsoft Nintendo, countries such as Europe Japan and sales of other countries, many This dataset contains a list of video games with more than 100,000 copies sold.

The term electronic games are referred to as video games, and electronic games are defined as interactive games that are played using any specialized electronic device, such as computers, smartphones, and TVs, these games have developed very quickly and to an enormous level of technical development, and have become closer to the real world due to simulation, interaction, visual, sound and kinetic effect, in addition to the diversity of the offered games that attracted many This dataset contains a list of video games with more than 100,000 copies sold

The data was obtained from the following;

[website:https://www.kaggle.com/gregorut/videogamesales](https://www.kaggle.com/gregorut/videogamesales)



Data:

Data provided by Kaggle has been used in this project, The data contains a column 11 and 16,598 rows.

The dataset is provided in .csv format, data type, (String- Decimal -Integer).

column 11:

This dataset contains a list of video games with sales greater than 100,000 copies. It was generated by a scrape of 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.

Example of rows in this project:

82.74	8.46	3.77	29.02	41.49	Nintendo	Sports	2006	Wii	Wii Sports	1
					11493 unique values		DS	13%	2009	
							PS2	13%	2008	
							Other (12274)	74%	Other (1	
1	Wii Sports				Wii		2006			
2	Super Mario Bros.				NES		1985			
3	Mario Kart Wii				Wii		2008			
4	Wii Sports Resort				Wii		2009			
5	Pokemon Red/Pokemon Blue				GB		1996			
6	Tetris				GB		1989			
7	New Super Mario				DS		2006			

Tools:

- Pandas for data manipulation
- Numpy
- Jupater
- Python
- Matplotlib for plotting
- powerpoint

Questions:

1-Average sales per country?

2-In what year were the sales highest in Japan?

3-What is the most popular game name in most countries?

4-Total sales that were by Microsoft?