Manal Mohamed Alnaseef

Question/need:

- What is the framing question of your analysis, or the purpose of the model/system you plan to build?

✓ The goal of this project to use some of models to predict the video Game Sales to help improve selling and predict selling.
✓ What is the year with the highest sales?
✓ What is the publisher the highest sales?
✓ do you Genre (Sports) the highest sales?
✓ How many Games did Nintendo Published ?
✓ Which Game Has Highest Sales in Japan ?
✓ How Many ‘ Super Mario Bros ‘ Games Were Published in Year 1985?

- Who benefits from exploring this question or building this model/ system?

✓ Video Game Company.

Data Description:

- What dataset(s) do you plan to use, and how will you obtain the data?

✓ Video Game Sales,this project to use some of models to predict the video Game Sales to help improve selling and predict selling. I worked with data provided by 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.

- What is an individual sample/unit of analysis in this project? What characteristics/features do you expect to work with?

✓ The dataset contains 16598 video game name with 11 features for each, 4 of which are categorical.

A few feature highlights 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.

- If modeling, what will you predict as your target?

✓ i will do bunch of different models and make compare between the best

Tools:

- How do you intend to meet the tools requirement of the project?

✓ Numpy and Pandas for data manipulation
✓ Scikit-learn for modeling
✓ Matplotlib and Seaborn for plotting
✓ Tableau for interactive visualizations

- Are you planning in advance to need or use additional tools beyond those required?

✓ depend to need