**Video Game Sales Analysis**

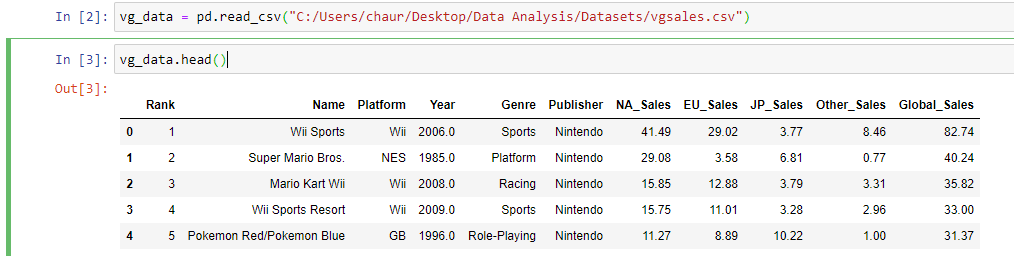
**Dataset Description**

* 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.

**Load Data:**

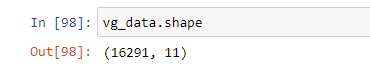
vg\_data = pd.read\_csv("C:/Users/chaur/Desktop/Data Analysis/Datasets/vgsales.csv")

vg\_data.head()

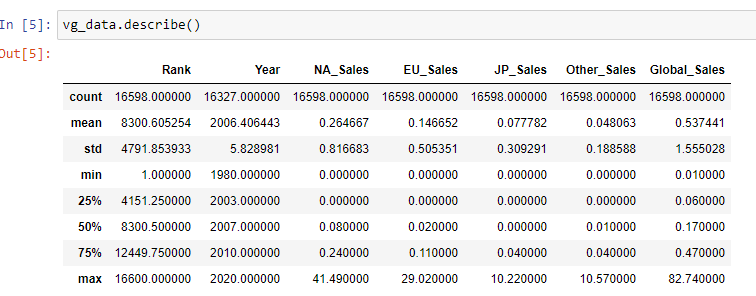


Total rows and columns in dataset:

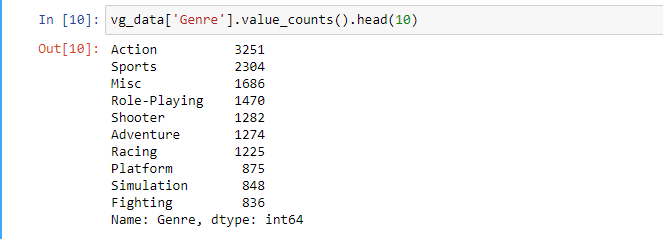
Dataset contains 16291 rows and 11 columns.



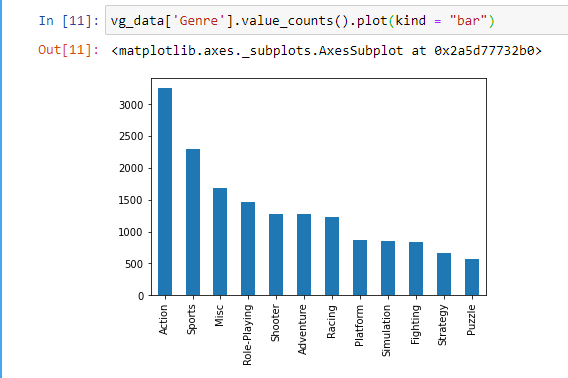
**Summary Statistics for each variable:**

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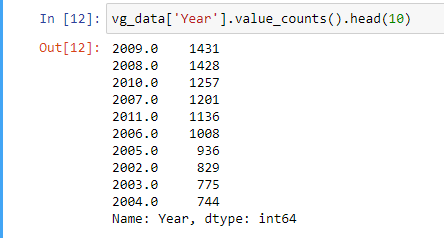
**Top ten Genre with most number of Sales overall:**



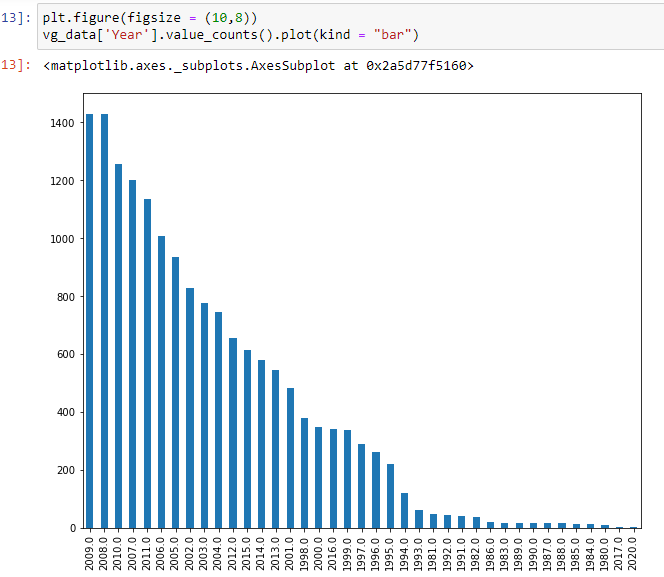
Most of the video games that have been sold worldwide belong to the “Action” genre.



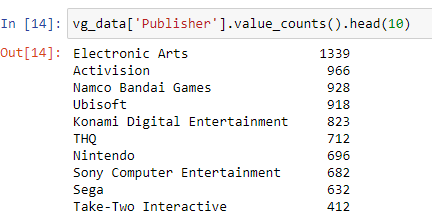
**Top ten Year with most Sales worldwide:**



Year 2009 was observed to have maximum sales worldwide

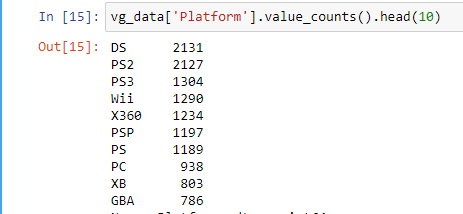


**Top ten Publisher having most number of Sales worldwide:**



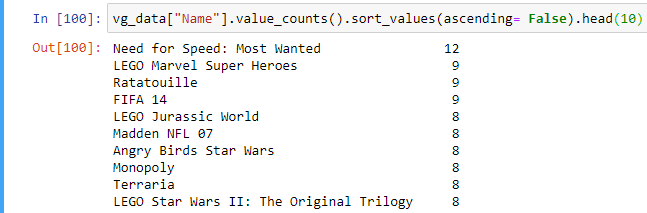
Overall most of the sold video games belong to “Electronic Arts” Publisher.

**Top ten Platform having most number of Sales worldwide:**

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Most of the games sold worldwide belong to “DS” platform

**Top ten Games having most number of Sales worldwide:**

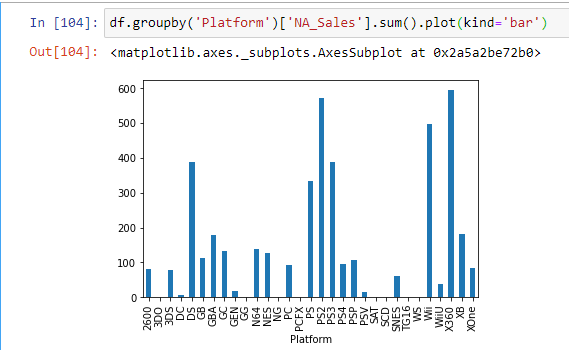
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“Need for Speed:Most Wanted” is the topmost game sold worldwide

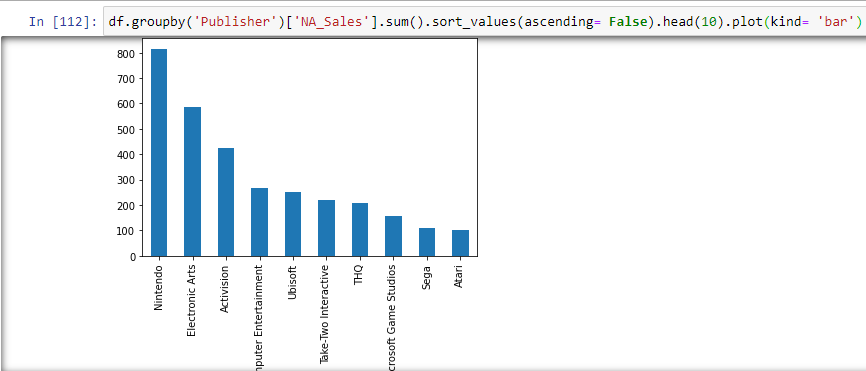
**Sales in North America**

**Platform with most number of Sales:**

In North America , most games sold belong to “X360” platform



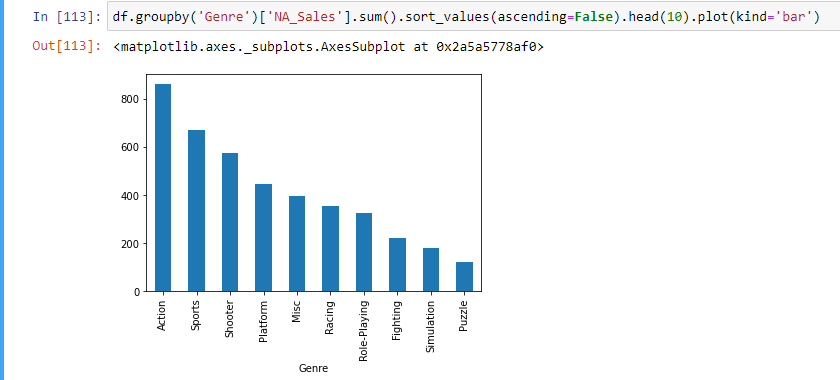
**Top Ten Sales by Publisher**:



“NIntendo” is the top publisher for video games in North America

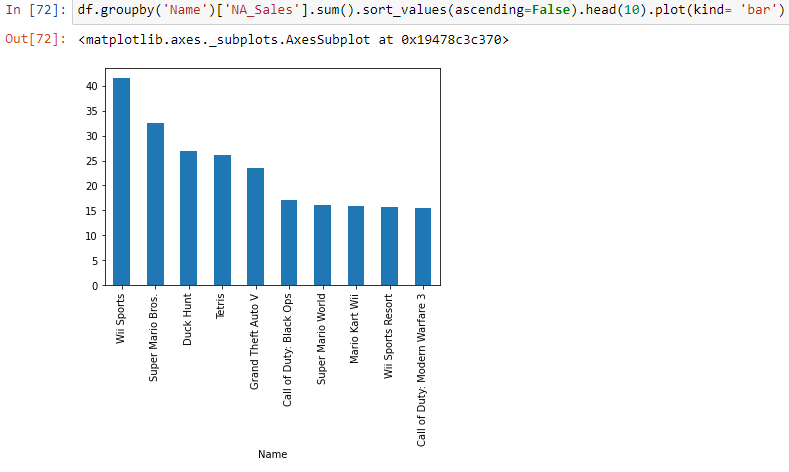
**Top Ten Sales by Genre**:

North America Sales mostly comprised of video games from “Action” genre.

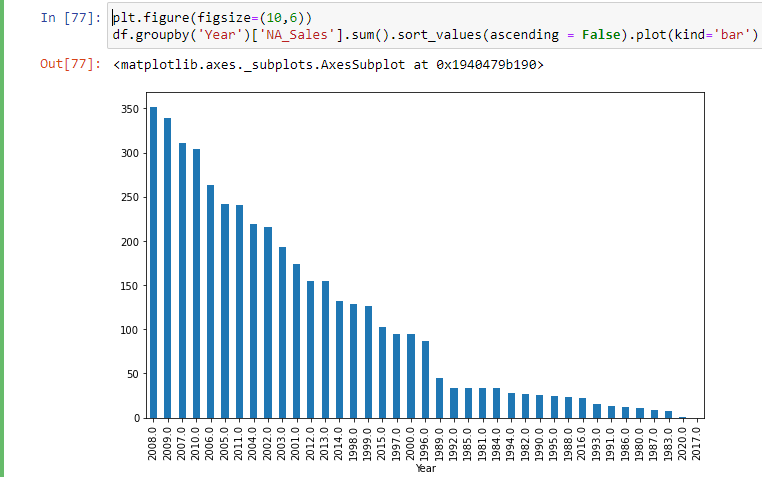


**Top Ten Sales by Name**:

The best selling video game is Wii Sports



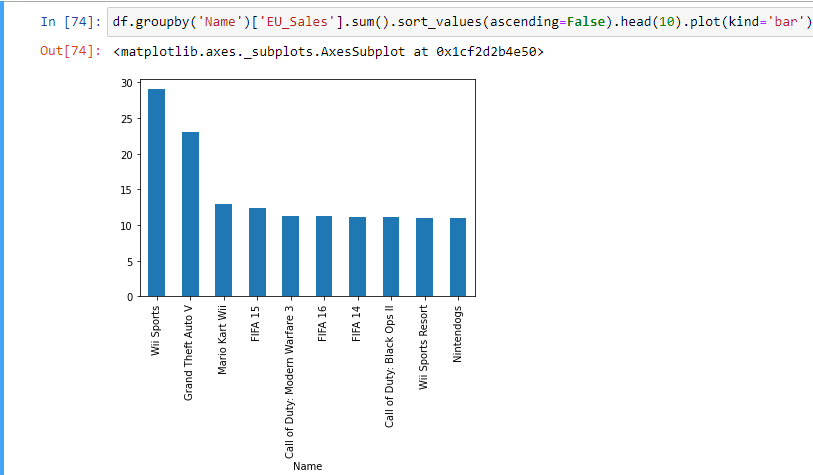
**Top Ten year having maximum sales:**

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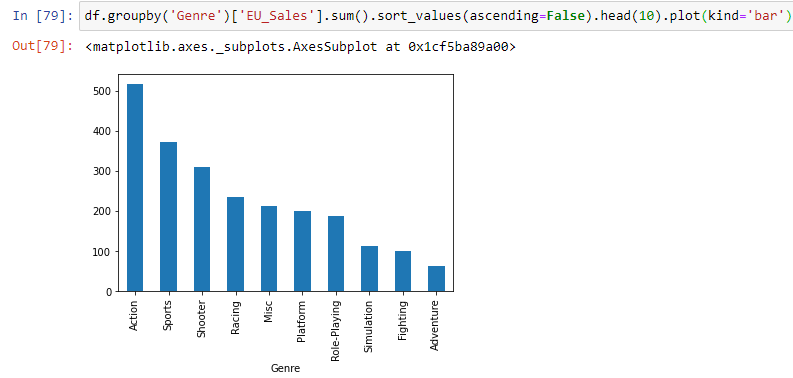
Year 2008 was observed to have most of the video games sales

**Sales in European Union:**

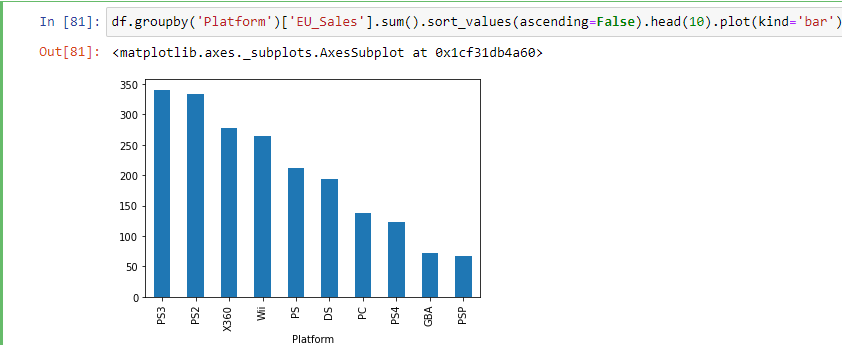
**Top Ten Sales by Name**



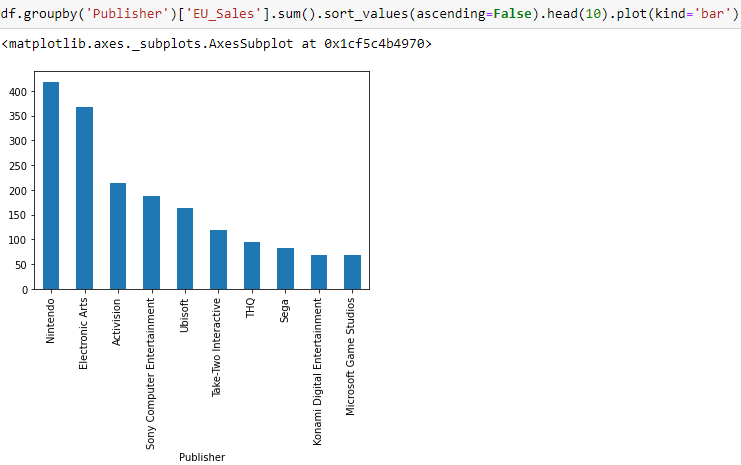
**Top Ten Sales by Genre:**

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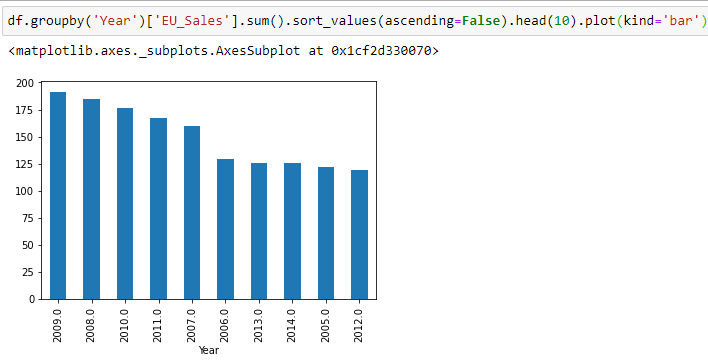
**Top Ten Sales by Platform:**

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**Top Ten Sales by Publisher:**

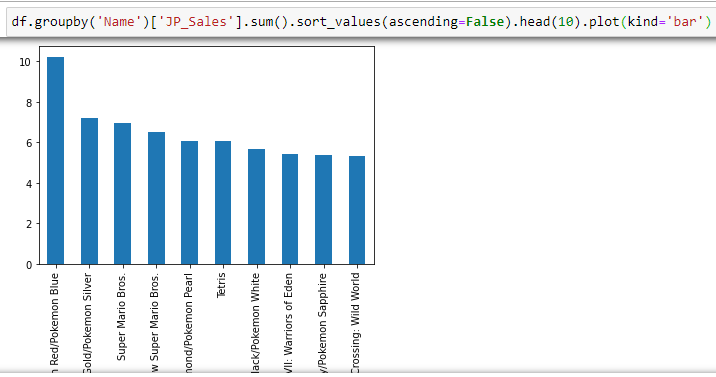
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**Top Ten Sales by Year:**

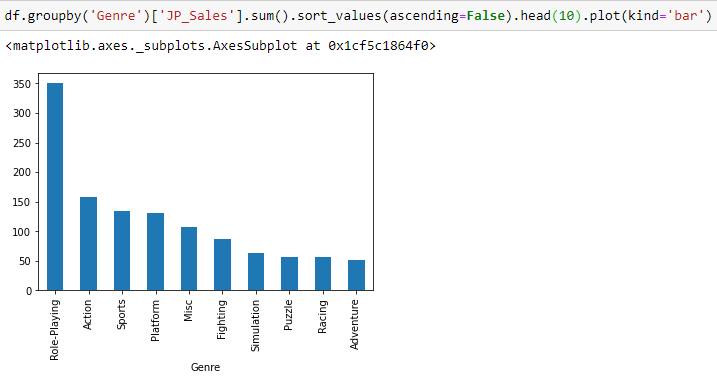
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**Sales in Japan :**

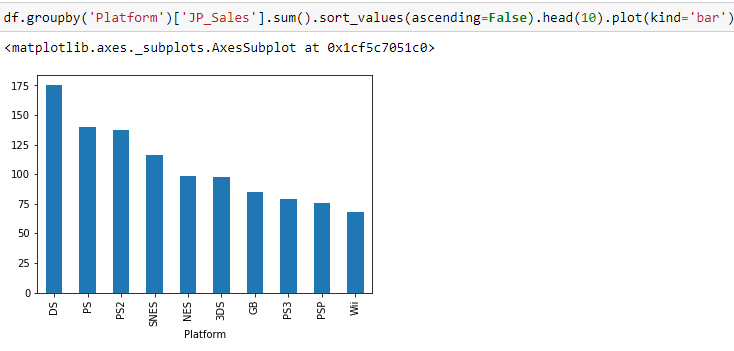
**Top Ten Sales by Name:**

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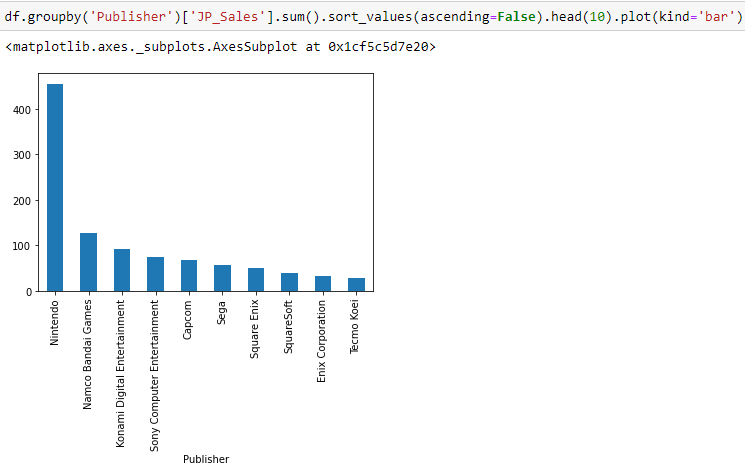
**Top Ten Sales by Genre:**

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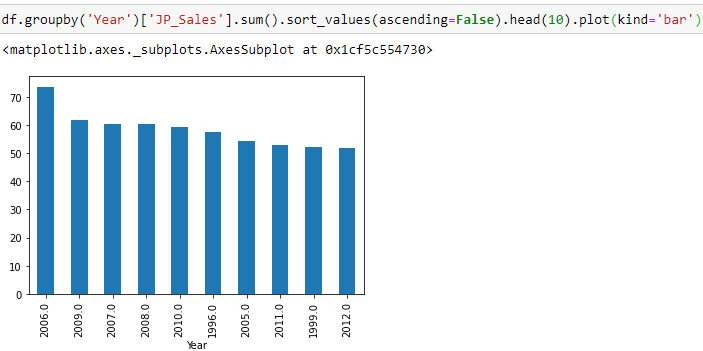
**Top Ten Sales by Platform:**

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**Top Ten Sales by Publisher:**

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**Top Ten Sales by Year:**

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**Sales in Other Countries:**

**Top Ten Sales by Name:**