The following is the SQL queries and descriptions of what I did in order to make the data more suited to my needs in this project

```
SELECT
  Name,
  Platform,
COALESCE(SAFE_CAST(Year_of_Release AS INT64), 0) AS Year,
  Genre,
  Publisher,
  NA_Sales,
  EU_Sales,
  JP_Sales,
  Other_Sales,
  Global_Sales,
  Critic_score,
  Critic_count,
  User_score,
  User_count,
  Developer,
  Rating


 FROM `cryptic-smile-395108.Projects.Video Games Sales `
```

:change the year variable into a int from a string

```
SELECT * FROM `cryptic-smile-395108.Projects.VideoGamesales_1`
where year >2009 and year <2017
```

: section off the data from 2010 through 2016

```
SELECT Platform FROM `cryptic-smile-395108.Projects.VideoGamesales_1`
where year >2009 and year < 2017
group by Platform
```

: Understanding the variety of platforms the games were releasing on at that time

```sql
SELECT * ,
CASE
    WHEN Platform IN  'DS'  '3DS'  'Wii'  'WiiU'  THEN 'Nintendo'
    WHEN Platform IN  'PSP'  'PSV'  'PS2'  'PS3'  'PS4'  THEN 'Sony'
    WHEN Platform IN  'X360'  'XOne'  THEN 'Microsoft'
    ELSE NULL
end as Company

FROM `cryptic-smile-395108.Projects.VideoGamesales_1`
where year >2009 and year < 2017
```

:Updating the table to show the range of years I'm needing along with case statements in order to identify what company each platform belongs to.

I then removed the Critic_score, Critic_count, User_score, User_count, Developer, and rating column.

```sql
SELECT distinct(Name) , count(name) FROM `cryptic-smile-395108.Projects.VG4`
group by name
```

: I found duplicate Names,but this does make sense considering a given game was made on multiple platforms. I decided to keep the duplicates because they each had different sales and instead decided to use the Concat command to combine the Name and platform

```sql
SELECT distinct(Name1) , count(name1) FROM `cryptic-smile-395108.Projects.VG4`
group by name1
```

I ran it again only one duplicate :

Madden NFL 13 PS3	**2**

This was due to Madden being released separately in the EU. And since it was such a minor change I decided to export the dataset in google sheets and manually changed it. Then I exported the data to Tableau