#Please note that POPULARITY refers to GLOBAL_SALES.

#i.e. The higher global_sales is, the more popular the Video Game / Publisher is.

1. Please write a query that selects the top 10 Video Game Publishers that are most popular

SELECT publisher, global_sales

FROM VG_Retail_sales_DB

GROUP BY publisher

ORDER BY global_sales DESC

LIMIT 10;

2. Please write a query that shows which Platform is the most popular and order this in descending order

SELECT platform, global_sales

FROM VG_Retail_sales_DB

GROUP BY platform

ORDER BY global_sales DESC;

3. Please write a query that shows which Year and Platform had the most video games sold

SELECT year, platform, global_sales

FROM VG_Retail_sales_DB

GROUP BY year, platform

ORDER BY global_sales DESC;

4. Please write a query that shows which genre has had the most games produced for it

SELECT genre, COUNT(name) AS games_produced

FROM VG_Retail_sales_DB

GROUP BY genre

ORDER BY global_sales DESC;

5. Please write a query that shows which Video Game Publisher has produced the most games in descending order?

SELECT publisher, COUNT(name) AS games_produced

FROM VG_Retail_sales_DB

GROUP BY publisher

ORDER BY games_produced DESC;

Easy to Moderate Difficulty Queries

6. Please write a query that shows which Video Games for Electronic Arts or Activision brought in at least 5M Sales, Order this by Publisher and Sales

SELECT name, publisher, global_sales

FROM VG_Retail_sales_DB
WHERE publisher IN ('Electronic Arts', 'Activision')

AND global_sales>=5

GROUP BY name

ORDER BY publisher, global_sales;

7. Please write a query that shows the count of how many Video Games have had Sales > 5M, the total sales for those video games, having been published by Electronic Arts, Nintendo, Activision or Ubisoft

SELECT name, COUNT(name) AS count_of_vg, publisher, global_sales

FROM VG_Retail_sales_DB

WHERE publisher IN ('Electronic Arts' , 'Nintendo' , 'Activision' , 'Ubisoft')

AND global_sales > 5

GROUP BY name;

8. Please write a query that shows the *percentage* of Revenues (Global_Sales) contribution that each Publisher has contributed. Please ensure that you round the Global_Sales and Percentage Contributions to 2 Decimal Places and Order the Query by the Global Sales.

WITH total_revenues AS (

SELECT publisher, SUM(global_sales) AS revenues

FROM VG_Retail_sales_DB)

SELECT

       vg.publisher,

       global_sales,

       ROUND(SUM(vg.global_sales/tr.revenues * 100),2) AS pct_of_rev

FROM

       VG_Retail_sales_DB AS vg

JOIN

       total_revenues AS tr

ON vg.publisher = tr.publisher

GROUP BY vg.publisher

ORDER BY global_sales;

9. Please write a query that shows the *percentage* of Video Games developed for each Platform. Don't forget to round the Percetange to 2 Decimal Places.

WITH games AS (

SELECT platform, count(name) AS game_count

FROM VG_Retail_sales_DB)

SELECT

       vg.platform,

       ROUND (SUM (count(name)/game_count) *100) AS pct_of_games),2) AS pct_games

FROM

       VG_Retail_sales_DB AS vg

JOIN

       games AS g

ON vg.platform = g.platform

GROUP BY vg.platform;

10. Please write a query that shows the *percentage* of Video Games developed for each Genre as well as the Total Revenues (Global_Sales). Don't forget to round the Percetange to 2 Decimal Places.

WITH games AS (

SELECT

       genre,

       count(name) AS game_count,

       SUM(global_sales) AS total_rev

FROM VG_Retail_sales_DB)

SELECT

       vg.genre,

       ROUND (SUM (count(name)/game_count) *100) AS pct_games,

       ROUND (SUM (vg.global_sales/g.total_rev) *100) , 2) AS pct_of_rev

FROM

       VG_Retail_sales_DB AS vg

JOIN

       games AS g

ON vg.genre = g.genre

GROUP BY vg.genre;

11. Please write a query that shows the *percentage* of Video Games developed for each Platform with respect to Electronic Arts, Nintendo, Activision and Ubisoft

WITH games AS (

SELECT platform, count(name) AS game_count

FROM VG_Retail_sales_DB

WHERE platform = 'Electronic Arts' AND platform = 'Nintendo' AND platform = 'Activision' AND platform = 'Ubisoft')

SELECT

vg.platform,

ROUND (SUM (count(name)/game_count) *100) AS pct_of_games),2) AS pct_games

FROM

       VG_Retail_sales_DB AS vg

JOIN

       games AS g

ON vg.platform = g.platform

WHERE platform = 'Electronic Arts' AND platform = 'Nintendo' AND platform = 'Activision' AND platform = 'Ubisoft'

GROUP BY vg.platform;