SELECT

\*

FROM

sales\_copy\_2;

SELECT

MAX(critic\_score),

MAX(total\_sales),

MAX(na\_sales),

MAX(jp\_sales),

MAX(pal\_sales),

MAX(other\_sales)

FROM

sales\_copy\_2;

SELECT

AVG(critic\_score),

AVG(total\_sales),

AVG(na\_sales),

AVG(jp\_sales),

AVG(pal\_sales),

AVG(other\_sales)

FROM

sales\_copy\_2;

SELECT

STD(critic\_score),

STD(total\_sales),

STD(na\_sales),

STD(jp\_sales),

STD(pal\_sales),

STD(other\_sales)

FROM

sales\_copy\_2;

SELECT

genre, ROUND(SUM(total\_sales), 2) AS total\_sold

FROM

sales\_copy\_2

GROUP BY genre

ORDER BY total\_sold DESC;

SELECT

genre, ROUND(AVG(critic\_score), 2) AS avg\_critic\_score

FROM

sales\_copy\_2

GROUP BY genre

ORDER BY avg\_critic\_score DESC;

SELECT

console, ROUND(SUM(total\_sales), 2) AS total\_sold

FROM

sales\_copy\_2

GROUP BY console

ORDER BY total\_sold DESC;

SELECT

console, ROUND(AVG(critic\_score), 2) AS avg\_critic\_score

FROM

sales\_copy\_2

GROUP BY console

ORDER BY avg\_critic\_score DESC;

WITH Rolling\_Total AS (

SELECT SUBSTRING(release\_date, 1, 7) AS `Month`, SUM(total\_sales) AS total\_sales

FROM sales\_copy\_2

WHERE SUBSTRING(release\_date, 1, 7) IS NOT NULL

GROUP BY `Month`

ORDER BY 1 DESC)

SELECT `Month`, ROUND(total\_sales, 2),

ROUND(SUM(total\_sales) OVER(ORDER BY `Month`), 2) AS rolling\_total

FROM Rolling\_Total;

WITH Rolling\_Average AS (

SELECT SUBSTRING(release\_date, 1, 7) AS `Month`, AVG(critic\_score) AS critic\_score

FROM sales\_copy\_2

WHERE SUBSTRING(release\_date, 1, 7) IS NOT NULL

GROUP BY `Month`

ORDER BY 1 DESC)

SELECT `Month`, ROUND(critic\_score, 2),

ROUND(AVG(critic\_score) OVER(ORDER BY `Month`), 2) AS rolling\_average

FROM Rolling\_Average;

SELECT

genre, YEAR(release\_date), ROUND(SUM(total\_sales), 2)

FROM

sales\_copy\_2

GROUP BY genre , YEAR(release\_date)

ORDER BY 3 DESC;

SELECT

genre, YEAR(release\_date), ROUND(AVG(critic\_score), 2)

FROM

sales\_copy\_2

GROUP BY genre , YEAR(release\_date)

ORDER BY 3 DESC;

SELECT

console, YEAR(release\_date), ROUND(SUM(total\_sales), 2)

FROM

sales\_copy\_2

GROUP BY console , YEAR(release\_date)

ORDER BY 3 DESC;

SELECT

console, YEAR(release\_date), ROUND(AVG(critic\_score), 2)

FROM

sales\_copy\_2

GROUP BY console , YEAR(release\_date)

ORDER BY 3 DESC;

WITH genre\_year (genre, years, total\_sales) AS (

SELECT genre, YEAR(release\_date), SUM(total\_sales)

FROM sales\_copy\_2

GROUP BY genre, YEAR(release\_date)

), genre\_year\_rank AS

(SELECT \*, DENSE\_RANK() OVER(PARTITION BY years ORDER BY total\_sales DESC) AS Ranking

FROM genre\_year)

SELECT \* FROM genre\_year\_rank

ORDER BY Ranking ASC;