**Aggregations applied to the video game sales data**

1. Created 2 tables. The first table shows the average critic score for Sports games. Stored this information in a column called “sports\_critic\_score”. The second table shows the average critic score for Shooter games. Stored this information in a column called “shooter\_critic\_score”.

*Table 1*

CREATE TABLE average\_sports\_critic\_score

(

sports\_critic\_score int

);

INSERT OVERWRITE TABLE average\_sports\_critic\_score

SELECT AVG(Critic\_Score) AS sports\_critic\_score

FROM sales\_genre

WHERE genre LIKE "Sports";

*Validation*

SELECT \* FROM average\_sports\_critic\_score

*Table 2*

CREATE TABLE average\_shooter\_critic\_score

(

shooter\_critic\_score int

);

INSERT OVERWRITE TABLE average\_shooter\_critic\_score

SELECT AVG(Critic\_Score) AS shooter\_critic\_score

FROM sales\_genre

WHERE genre LIKE "Shooter";

*Validation*

SELECT \* FROM average\_shooter\_critic\_score

1. Created 3 statistics tables (average, min, max) for the global\_sales for: all games, Sports games, Shooter games. For each table, labeled the columns as: “average\_global\_sales”, “min\_global\_sales”, and “max\_global\_sales”.

*Table 1*

CREATE TABLE global\_sales\_stats\_all

(

average\_global\_sales int,

min\_global\_sales int,

max\_global\_sales int

);

INSERT OVERWRITE TABLE global\_sales\_stats\_all

SELECT AVG(global\_sales) AS average\_global\_sales, MIN(global\_sales) AS min\_global\_sales, MAX(global\_sales) AS max\_global\_sales

FROM sales

*Table 2*

CREATE TABLE global\_sales\_stats\_sports

(

average\_global\_sales int,

min\_global\_sales int,

max\_global\_sales int

);

INSERT OVERWRITE TABLE global\_sales\_stats\_sports

SELECT AVG(global\_sales) AS average\_global\_sales, MIN(global\_sales) AS min\_global\_sales, MAX(global\_sales) AS max\_global\_sales

FROM sales

WHERE genre LIKE "Sports"

*Table 3*

CREATE TABLE global\_sales\_stats\_shooter

(

average\_global\_sales int,

min\_global\_sales int,

max\_global\_sales int

);

INSERT OVERWRITE TABLE global\_sales\_stats\_shooter

SELECT AVG(global\_sales) AS average\_global\_sales, MIN(global\_sales) AS min\_global\_sales, MAX(global\_sales) AS max\_global\_sales

FROM sales

WHERE genre LIKE "Shooter"

3) Created 2 tables containing the global\_sales and the count of games with that global\_sales for: Sports games and Shooter games. For each table, labeled the columns as: “global\_sales” and “count”.

*Table 1*

CREATE TABLE global\_sales\_sports

(

global\_sales int,

count int

);

INSERT OVERWRITE TABLE global\_sales\_sports

SELECT name,COUNT(name) AS count

FROM sales

WHERE genre LIKE "Sports"

GROUP BY name

SELECT SUM(global\_sales) AS global\_sales

FROM sales

WHERE genre LIKE "Sports"

*Table 2*

CREATE TABLE global\_sales\_shooter

(

global\_sales int,

count int

);

INSERT OVERWRITE TABLE global\_sales\_shooter

SELECT name,COUNT(name) AS count

FROM sales

WHERE genre LIKE "Shooter"

GROUP BY name

SELECT SUM(global\_sales) AS global\_sales

FROM sales

WHERE genre LIKE "Shooter"