## Assignment 3: Data Aggregation

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Step 1: Creating tables for the average critic score and average critic score for Shooter games

# CREATE TABLE sports\_critic\_score ( Name string,

# Platform string,

# Year\_of\_Release int,

# Genre string,

# Publisher string,

# NA\_Sales int,

# EU\_Sales int,

# JP\_Sales int,

# Other\_Sales int,

# Global\_Sales int,

# Critic\_score int,

# Critic\_count int,

# User\_score string,

# User\_count int,

# Developer string,

# Rating string );

# INSERT OVERWRITE TABLE sports\_critic\_score

# SELECT Genre, Critic\_Score

# FROM sales

# WHERE Genre= “Sports”

# CREATE TABLE shooter\_critic\_score ( Name string,

# Platform string,

# Year\_of\_Release int,

# Genre string,

# Publisher string,

# NA\_Sales int,

# EU\_Sales int,

# JP\_Sales int,

# Other\_Sales int,

# Global\_Sales int,

# Critic\_score int,

# Critic\_count int,

# User\_score string,

# User\_count int,

# Developer string,

# Rating string );

# INSERT OVERWRITE TABLE shooter\_critic\_score

# SELECT Genre, Critic\_Score

# FROM sales

# WHERE Genre= “Shooter”

**Step 2: Creating 3 statistics tables (avg, min, max) for the global\_sales for: all games, Sports games, Shooter games. For each table, label the column as: “average\_global\_sales”, “min\_global\_sales”, and “max\_global\_sales”**

# SELECT all games, AVG(global\_sales) AS average\_global\_sales, MIN(global\_sales) AS min\_global\_sales, MAX(globa\_sales) AS max\_global\_sales;

# SELECT Sports, AVG(global\_sales) AS average\_global\_sales, MIN(global\_sales) AS min\_global\_sales, MAX(globa\_sales) AS max\_global\_sales;

# SELECT Shooter, AVG(global\_sales) AS average\_global\_sales, MIN(global\_sales) AS min\_global\_sales, MAX(globa\_sales) AS max\_global\_sales;

**Step 3: Create 2 tables containing the global\_sales and the count of games with that global\_sales for: Sports games and Shooter games. For each table, label the columns as: “global\_sales” and “count”**

# SELECT COUNT(Sports) AS count

# FROM sports\_critic\_score

# SELECT COUNT(Shooter) AS count

# FROM shooter\_critic\_score