Scoir Data Exercise – queries work separately but cannot get the avg duration of minutes and end time columns added to the joined table.

---- Join 2 tables with specific column headings

WITH bt as

(

WITH t as

(

SELECT DISTINCT

s.gameId AS ID,

s.awayTeamName AS AwayTeam,

s.homeTeamName AS HomeTeam,

s.startTime AS startTime,

s.duration\_minutes AS durationMinutes,

s.dayNight AS dayNight,

s.seasonId AS seasonID,

gw.homeFinalRuns AS homeFinalRuns,

gw.awayFinalRuns AS awayFinalRuns

FROM `bigquery-public-data.baseball.schedules` as s

INNER JOIN `bigquery-public-data.baseball.games\_wide` as gw

ON

s.gameId = gw.gameId

)

--- Add a column indicating the winning team

SELECT \*,

CASE WHEN homeFinalRuns > awayFinalRuns THEN HomeTeam

WHEN homeFinalRuns < awayFinalRuns THEN AwayTeam

ELSE 'tie game'

END AS WinningTeam

FROM t

)

--- Calculate the average duration of minutes for each Home Team

SELECT HomeTeam,

AVG(durationMinutes)

FROM t

GROUP BY(HomeTeam);

--- Add a column for the end time given a start time and duration of the game in minutes

I am missing permissions to alter the tables and cannot get the following code to run correctly.

ALTER TABLE

ADD COLUMN endTime, TIMESTAMP;

SELECT CAST(DATEADD(minute, durationMinutes, startTime)as endTime

FROM t

--- Count the number of games that each team won and find out who won the most games. Cubs - 103!

SELECT WinningTeam,

COUNT(ID) AS number\_of\_wins

FROM bt

GROUP BY WinningTeam;

--- Identify the game ID for the longest game in new tab.

SELECT

\*

FROM `bigquery-public-data.baseball.games\_wide`

WHERE durationMinutes = ( SELECT MAX(durationMinutes) FROM `bigquery-public-data.baseball.games\_wide`)

ORDER BY durationMinutes DESC;

---- Join 2 tables with specific column headings

WITH t as

(

SELECT DISTINCT

s.gameId AS ID,

s.awayTeamName AS AwayTeam,

s.homeTeamName AS HomeTeam,

s.startTime AS startTime,

s.duration\_minutes AS durationMinutes,

s.dayNight AS dayNight,

s.seasonId AS seasonID,

gw.homeFinalRuns AS homeFinalRuns,

gw.awayFinalRuns AS awayFinalRuns

FROM `bigquery-public-data.baseball.schedules` as s

INNER JOIN `bigquery-public-data.baseball.games\_wide` as gw

ON

s.gameId = gw.gameId

)

--- Add a column indicating the winning team

SELECT \*,

CASE

WHEN homeFinalRuns > awayFinalRuns

THEN

HomeTeam

ELSE AwayTeam

END AS WinningTeam

FROM t;

This part works!

Run queries to answer the other questions but I cannot get them on the table.

--- Calculate the average duration of minutes for each Home Team

SELECT HomeTeam,

AVG(durationMinutes)

FROM t

GROUP BY(HomeTeam);