

# **NBA Data SQL Queries**

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Total Points Scored Query

## Retrieve the Total Points Scored by Each Team in a Specific Season

#### **SELECT**

Team, SUM(Points) AS TotalPoints

#### **FROM**

sports-data-419719.NBA.Game\_Log

#### **WHERE**

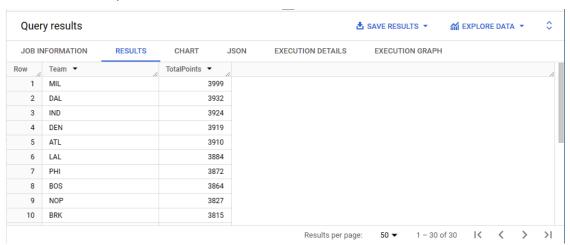
EXTRACT (YEAR FROM Date) = 2023

#### **GROUP BY**

Team

#### **ORDER BY**

#### TotalPoints DESC;





Free Throw Query

## Find the Player with the Highest Free Throw Percentage

#### **SELECT**

Player, Team, FreeThrowPercentPerGame, FreeThrowAttemptsPerGame

#### **FROM**

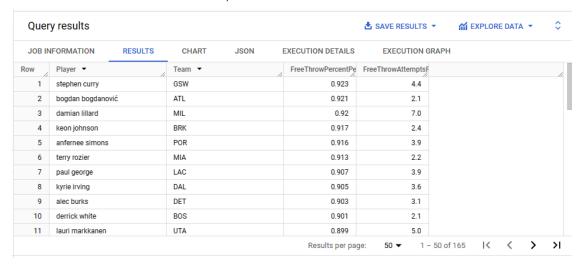
sports-data-419719.NBA.Per\_Game

#### **WHERE**

EXTRACT (YEAR FROM Date) = 2023 AND FreeThrowAttemptsPerGame > 2

#### **ORDER BY**

#### FreeThrowPercentPerGame DESC;



```
Untitled query

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□ MORE ▼ □ This query will pro...

1 SELECT
2 Team, COUNT(*) AS OvertimeWins
3 FROM
4 | sports-data-419719.NBA.Results
5 WHERE
6 | EXTRACT (YEAR FROM Date) = 2023 AND Winloss = TRUE AND Overtime = TRUE
7 GROUP BY
8 | Team
9 ORDER BY
10 | OvertimeWins DESC

Press Alt+F1 for Accessibility Options.
```

Overtime Wins Query

## Identify Teams with the Most Wins in Overtime

#### **SELECT**

Team, COUNT(\*) AS OvertimeWins

**FROM** 

sports-data-419719.NBA.Results

**WHERE** 

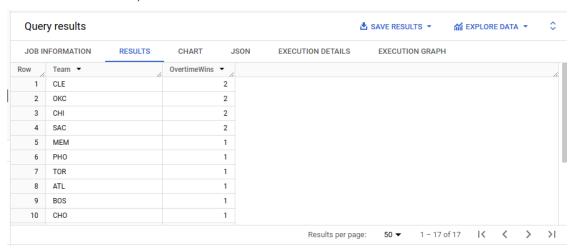
EXTRACT (YEAR FROM Date) = 2023 AND Winloss = TRUE AND Overtime = TRUE

**GROUP BY** 

Team

## **ORDER BY**

#### OvertimeWins DESC;





Points Per Position Query

## Calculate the Average Points Per Game for Each Position

#### **SELECT**

Position, AVG(PointsPerGame) AS AvgPoints

#### **FROM**

sports-data-419719.NBA.Per\_Game

#### **WHERE**

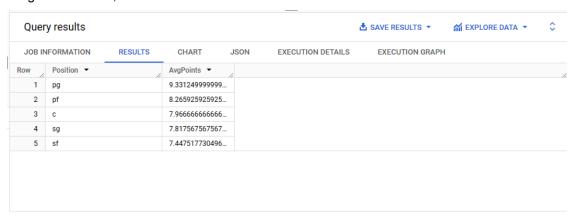
EXTRACT(YEAR FROM Date) = 2023 AND Position != "none"

#### **GROUP BY**

Position

#### **ORDER BY**

## AvgPoints DESC;



```
@ Untitled query
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    SELECT
    Team, COUNT(StartingLineup) AS Startcount, StartingLineup
     sports-data-419719.NBA.Starting_Lineups
    WHERE
     EXTRACT(YEAR FROM Date) = 2023
    GROUP BY
    Team, StartingLineup
     ORDER BY
 10
    Startcount DESC
```

Starting Lineup Query

# List the Teams that Have the Most Consistent Starting Lineups

#### **SELECT**

Team, COUNT(StartingLineup) AS Startcount, StartingLineup

#### **FROM**

sports-data-419719.NBA.Starting Lineups

#### **WHERE**

EXTRACT(YEAR FROM Date) = 2023

#### **GROUP BY**

Team, StartingLineup

#### **ORDER BY**

#### Startcount DESC;

