



NBA Data SQL Queries

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Untitled query

```

1 SELECT
2   Team, SUM(Points) AS TotalPoints
3 FROM
4   sports-data-419719.NBA.Game_Log
5 WHERE
6   EXTRACT (YEAR FROM Date) = 2023
7 GROUP BY
8   Team
9 ORDER BY
10  TotalPoints DESC

```

Press Alt+F1 for Accessibility Options.

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;

Query results			SAVE RESULTS	EXPLORE DATA	
JOB INFORMATION			RESULTS		
CHART			JSON		
EXECUTION DETAILS			EXECUTION GRAPH		
Row	Team	TotalPoints			
1	MIL	3999			
2	DAL	3932			
3	IND	3924			
4	DEN	3919			
5	ATL	3910			
6	LAL	3884			
7	PHI	3872			
8	BOS	3864			
9	NOP	3827			
10	BRK	3815			

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The Results



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;

Query results						SAVE RESULTS	EXPLORE DATA	
JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH		
Row	Player	Team	FreeThrowPercentPe	FreeThrowAttemptsF				
1	stephen curry	GSW	0.923	4.4				
2	bogdan bogdanović	ATL	0.921	2.1				
3	damian lillard	MIL	0.92	7.0				
4	keon johnson	BRK	0.917	2.4				
5	anfernee simons	POR	0.916	3.9				
6	terry rozier	MIA	0.913	2.2				
7	paul george	LAC	0.907	3.9				
8	kyrie irving	DAL	0.905	3.6				
9	alec burks	DET	0.903	3.1				
10	derrick white	BOS	0.901	2.1				
11	lauri markkanen	UTA	0.899	5.0				

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The Results

```
Untitled query [RUN] [SAVE] [DOWNLOAD] [SHARE] [SCHEDULE] [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;

Query results				[SAVE RESULTS] [EXPLORE DATA]		
JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	Team	OvertimeWins				
1	CLE	2				
2	OKC	2				
3	CHI	2				
4	SAC	2				
5	MEM	1				
6	PHO	1				
7	TOR	1				
8	ATL	1				
9	BOS	1				
10	CHO	1				

Results per page: 50 1 - 17 of 17 [<] [>]

The Results

Untitled query

RUN

SAVE

DOWNLOAD

SHARE

SCHEDULE

MORE

This query will pro...

```

1 SELECT
2   Position, AVG(PointsPerGame) AS AvgPoints
3 FROM
4   sports-data-419719.NBA.Per_Game
5 WHERE
6   EXTRACT(YEAR FROM Date) = 2023 AND Position != "none"
7 GROUP BY
8   Position
9 ORDER BY
10  AvgPoints DESC

```

Press Alt+F1 for Accessibility Options.

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;

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION		RESULTS	CHART	JSON	EXECUTION DETAILS	EXECUTION GRAPH
Row	Position	AvgPoints				
1	pg	9.331249999999...				
2	pf	8.265925925925...				
3	c	7.966666666666...				
4	sg	7.817567567567...				
5	sf	7.447517730496...				

The Results

RUN

SAVE

DOWNLOAD

SHARE

SCHEDULE

MORE

This query will pro...

```

1 SELECT
2   Team, COUNT(StartingLineup) AS Startcount, StartingLineup
3 FROM
4   sports-data-419719.NBA.Starting_Lineups
5 WHERE
6   EXTRACT(YEAR FROM Date) = 2023
7 GROUP BY
8   Team, StartingLineup
9 ORDER BY
10  Startcount DESC

```

Press Alt+F1 for Accessibility Options

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;

Query results

SAVE RESULTS

EXPLORE DATA

JOB INFORMATION

RESULTS

CHART

JSON

EXECUTION DETAILS

EXECUTION GRAPH

Row	Team	Startcount	StartingLineup
1	WAS	28	D. Avdija · D. Gafford · T. Jones · K. Kuzma · J. Poole
2	HOU	27	D. Brooks · J. Green · A. Sengun · J. Smith · F. VanVleet
3	TOR	25	O. Anunoby · S. Barnes · J. Poeltl · D. Schröder · P. Siakam
4	OKC	24	L. Dort · J. Giddey · S. Gilgeous-Alexander · C. Holmgren · J. Williams
5	MIL	23	G. Antetokounmpo · M. Beasley · D. Lillard · B. Lopez · K. Middleton
6	MIN	19	M. Conley · A. Edwards · R. Gobert · J. McDaniels · K. Towns
7	SAC	19	H. Barnes · D. Fox · K. Huerter · K. Murray · D. Sabonis
8	ORL	18	P. Banchemo · G. Bitadze · A. Black · J. Suggs · F. Wagner
9	BOS	16	J. Brown · J. Holiday · K. Porziņģis · J. Tatum · D. White
10	DEN	15	K. Caldwell-Pope · A. Gordon · N. Jokić · J. Murray · M. Porter
11	LAC	15	P. George · J. Harden · K. Leonard · T. Mann · I. Zubac

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The Results