

Robin Gould

```
mysql> show tables;
+-----+
| Tables_in_nba |
+-----+
| coaches        |
| player_contracts |
| player_stats   |
| players        |
| team_records   |
| teams          |
+-----+
6 rows in set (0.00 sec)

mysql> |
```

Teams Table

```
mysql> desc teams;
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| TeamID     | varchar(2) | NO   | PRI | NULL    |       |
| Name       | text       | YES  |     | NULL    |       |
| Conference | text       | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select * from teams
-> ;
```

TeamID	Name	Conference
T1	76ers	Eastern
T2	Nuggets	Western
T3	Lakers	Western
T4	Suns	Western
T5	Mavericks	Western
T6	Celtics	Eastern

6 rows in set (0.00 sec)

```
mysql> |
```

Players Table

```
mysql> desc players;
```

Field	Type	Null	Key	Default	Extra
Player_id	varchar(4)	NO	PRI	NULL	
Team_id	varchar(2)	NO	MUL	NULL	
Name	text	YES		NULL	
Age	int	YES		NULL	
College	text	YES		NULL	
Position	varchar(2)	YES		NULL	

6 rows in set (0.00 sec)

```
mysql> |
```

```
mysql> select * from players;
```

Player_id	Team_id	Name	Age	College	Position
P1	T1	Joel Embiid	29	Kansas	C
P10	T2	Jamal Murray	26	Kentucky	PG
P11	T6	Jayson Tatum	25	Duke	SF
P12	T6	Jaylen Brown	27	Cal	SG
P2	T2	Nikola Jokic	28	International	C
P3	T3	Lebron James	39	High School	SF
P4	T4	Devin Booker	27	Kentucky	SG
P5	T5	Luka Doncic	24	International	SF
P6	T4	Kevin Durant	35	Texas	SF
P7	T1	Tyrese Maxey	23	Kentucky	PG
P8	T3	Anthony Davis	30	Kentucky	PF
P9	T5	Kyrie Irving	31	Duke	PG

```
12 rows in set (0.00 sec)
```

```
mysql> |
```

Players_stats Table

```
mysql> desc player_stats;
```

Field	Type	Null	Key	Default	Extra
PlayerID	varchar(4)	NO	PRI	NULL	
PPG	decimal(3,1)	YES		NULL	
ASTPG	decimal(3,1)	YES		NULL	
REBPG	decimal(3,1)	YES		NULL	
BLPG	decimal(3,1)	YES		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> |
```

```
mysql> select * from player_stats;
```

PlayerID	PPG	ASTPG	REBPG	BLPG
P1	36.1	11.6	5.9	1.9
P11	27.0	4.4	8.4	0.4
P12	23.1	3.6	5.2	0.6
P2	26.2	9.1	12.0	0.9
P3	24.3	7.2	7.4	0.6
P4	26.7	7.6	4.8	0.3
P5	33.6	8.5	9.3	0.6
P6	29.6	5.6	6.3	1.2
P7	25.8	3.7	6.7	0.5
P8	25.0	3.7	12.2	2.4
P9	25.2	5.3	5.1	0.4

```
11 rows in set (0.00 sec)
```

```
mysql> |
```

Team_records Table

```
mysql> desc team_records;
```

Field	Type	Null	Key	Default	Extra
TeamID	varchar(2)	NO	PRI	NULL	
Wins	int	YES		NULL	
Losses	int	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> select * from team_records;
```

TeamID	Wins	Losses
T1	29	13
T2	31	14
T3	22	23
T4	25	18
T5	24	19
T6	34	10

```
6 rows in set (0.00 sec)
```

```
mysql> |
```

Coaches Table

```
mysql> desc coaches
-> ;
```

Field	Type	Null	Key	Default	Extra
CoachID	varchar(2)	NO	PRI	NULL	
Name	text	YES		NULL	
TeamID	varchar(2)	YES	MUL	NULL	
Years_with_Team	int	YES		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql>
```

```
mysql> select * from coaches;
```

CoachID	Name	TeamID	Years_with_Team
C1	Frank Vogel	T4	1
C2	Joe Mazzula	T6	2
C3	Darvin Ham	T3	2
C4	Jason Kidd	T5	3
C5	Nick Nurse	T1	1
C6	Mike Malone	T2	9

```
6 rows in set (0.00 sec)
```

```
mysql> |
```

Player_contracts Table

```
mysql> desc player_contracts;
```

Field	Type	Null	Key	Default	Extra
Player_id	varchar(4)	NO	PRI	NULL	
Amount	int	YES		NULL	
Contract_Length	int	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> |
```

```
mysql> select * from player_contracts;
```

Player_id	Amount	Contract_Length
P1	213	4
P10	158	5
P11	163	5
P12	304	4
P2	276	5
P3	99	2
P4	158	5
P5	215	5
P6	194	4
P7	12	4
P8	186	3
P9	120	3

```
12 rows in set (0.00 sec)
```

```
mysql> |
```