

## QUERIES OUTPUT

### User Story 1a:

“As the manager of the club, I would like to select playing 11 based on formation and form.”

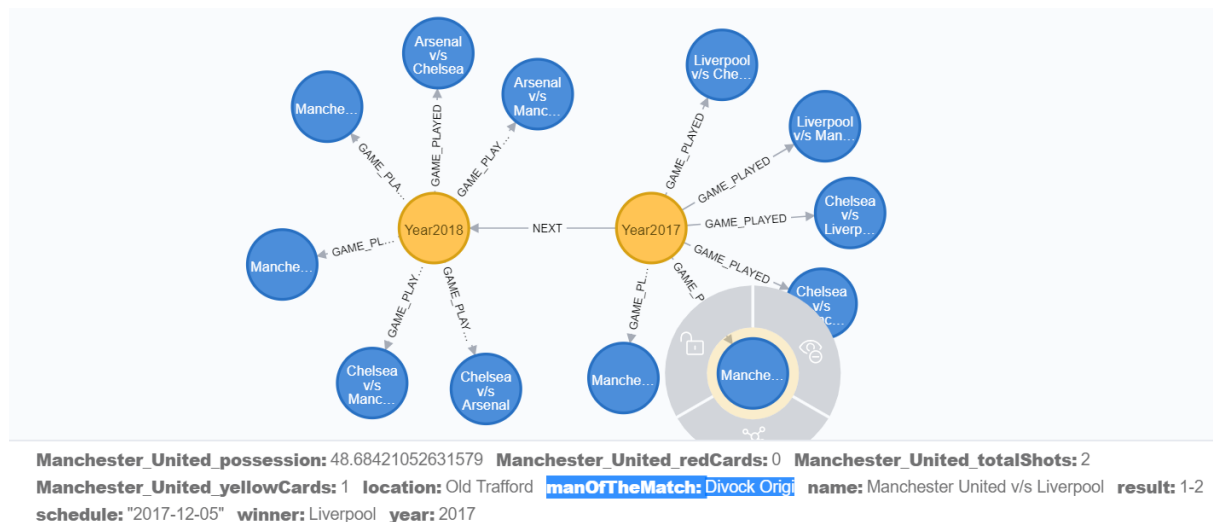
Result:

```
---A SUITABLE GOALKEEPER---
{'Name': 'Lee Grant', 'Position': 'GoalKeeper', 'Performance': 1.5}
---LIST OF SUITABLE DEFENDERS---
{'Name': 'Nemanja Matic', 'Position': 'Defender', 'Performance': 4.0}
{'Name': 'Antonio Valencia', 'Position': 'Defender', 'Performance': 0.65}
{'Name': 'Eric Bailly', 'Position': 'Defender', 'Performance': 0.575}
{'Name': 'Diogo Dalot', 'Position': 'Defender', 'Performance': 0.5}
---LIST OF SUITABLE ATTACKERS---
{'Name': 'Anthony Martial', 'Position': 'attacker', 'Performance': 1.5}
{'Name': 'Jesse Lingard', 'Position': 'attacker', 'Performance': 1.5}
{'Name': 'Marcus Rashford', 'Position': 'attacker', 'Performance': 1.15}
---LIST OF SUITABLE MIDFIELDERS---
{'Name': 'Paul Pogba', 'Position': 'midfielder', 'Performance': 1.75}
{'Name': 'Juan Mata', 'Position': 'midfielder', 'Performance': 1.0}
{'Name': 'Andreas Pereira', 'Position': 'midfielder', 'Performance': 0.625}
```

### User story 1b:

“As the manager of the club, I would like to nominate the best player of the match based on performance of the player in current match.”

Result:



### User story 1c:

“As the manager of the club, I would like to propose top 5 players (forward or attackers) based on the budget of the club and the market value of players.”

Result:

```
This query will give the top 5 attackers based on your team budget and player base price
Enter the team name : Arsenal
---LIST OF SUITABLE ATTACKERS IN YOUR PRICE RANGE---
{'Name': 'Sadio Mane', 'Team': 'Liverpool', 'BasePrice': '63000'}
{'Name': 'Divock Origi', 'Team': 'Liverpool', 'BasePrice': '43000'}
{'Name': 'Olivier Giroud', 'Team': 'Chelsea', 'BasePrice': '23000'}
{'Name': 'Gonzalo Higuaín', 'Team': 'Chelsea', 'BasePrice': '23000'}
{'Name': 'Eden Hazard', 'Team': 'Chelsea', 'BasePrice': '23000'}
```

### User story 2a:

“As football fans, I would like to know different titles won by the club.”

Result:

```
-----Enter the name of the club-----: Manchester United
Number of titles won by the club are/is:
Year      Title
2017      EPL
2018      UEFA
```

### User story 2b:

“As a football fan, I would like to know the most unbeaten side of the specified time period (season/year).”

Result:

```
Enter the club:Manchester United

The season Year2017 did not have unbeaten performance by the club

Season with unbeaten performance: Year2018
Matches played:
Arsenal v/s Manchester United
Chelsea v/s Manchester United
Manchester United v/s Arsenal
Manchester United v/s Chelsea
```

**User story 2c:**

“As a football fan, I would like to know the season in which the club won the championships.”

Result:

```
To view seasons in which the club won EPL championship
Enter the name of the club : Manchester United
Year in which the club won EPL Championship
Year          Title
2017          EPL

Points earned in the season
Year          Points Earned
2017          20
```

**User story 2d:**

“As a football fan, I would like to know the biggest wins of a single club in a specific season.”

Result:

```
--Lets find the biggest win of the season--
Enter the year : 2018
Enter the team : Manchester United
Arsenal v/s Manchester United With a goal difference of 2
Manchester United v/s Arsenal With a goal difference of 2
Manchester United v/s Chelsea With a goal difference of 2
```

**User story 3:**

“As an owner of the club, I would like to find suitable managers if any manager is retiring.”

Result:

```
This query will give the top 2 managers based on your t
Enter the team name : Manchester United

Unai Emery, managed team Arsenal in 2018.
Total points scored by the team in the season:3

Maurizio Sarri, managed team Chelsea in 2018.
Total points scored by the team in the season:3

Jurgen Klopp, managed team Liverpool in 2018.
Total points scored by the team in the season:0
```

#### User story 4:

“As an owner of the club, I would like to know the milestone goals of the league.”

Result:

```
-----The largest milestone achieved by the club is -----
30.0
-----Enter Milestone goal of which you wish to see the data: 10
Goal Number    Scored By    Playing for    Against    Minutes
10.0           Ross Barkley    Chelsea        Manchester United    100
```

#### User story 5a:

“As a fan club, I would like to view the upcoming match schedule for a specific club in the current season.”

Result:

```
Find the match schedule in a season:
Enter the date(yyyy-mm-dd):2018-03-01
Game Arsenal v/s Chelsea on 2018-04-06 at Emirates Stadium
```

#### User story 5b:

“As a fan club, I would like to get the match schedule for the next 120 days based on user story,”

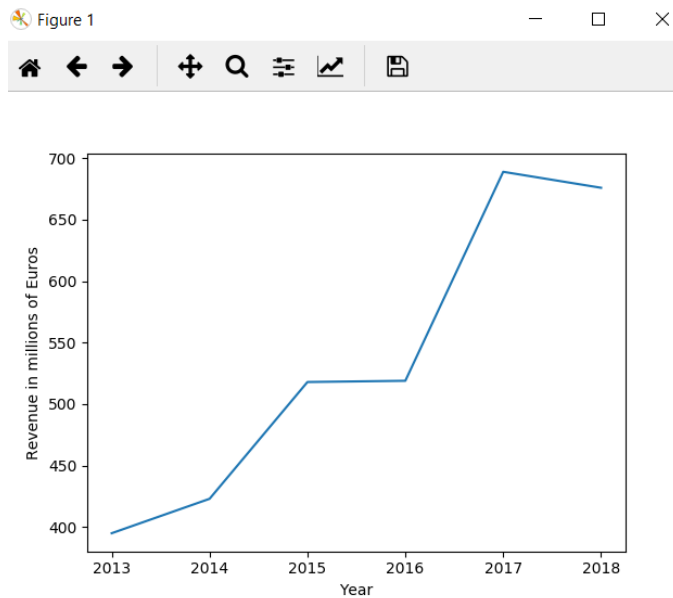
Result:

```
Find the match schedule in a season:
Enter the club name: Arsenal
Arsenal v/s Chelsea to take place in 2018-04-06
Arsenal v/s Manchester United to take place in 2018-02-05
Chelsea v/s Arsenal to take place in 2018-08-05
Manchester United v/s Arsenal to take place in 2018-12-05
```

### User story 6a:

“As an owner of the club, I would like to know the trend of revenue generation in order to make future decisions with graphical representation.”

Result:



### User story 6b:

“As an owner of the club, I would like to view information about the player.”

Result:

```
This query will give the player details
Enter the player name : Aaron Ramsey
-- The current price of the player is :23000
-- Salary of the player is : 140000
-- Previous clubs are as below
Arsenal
```