

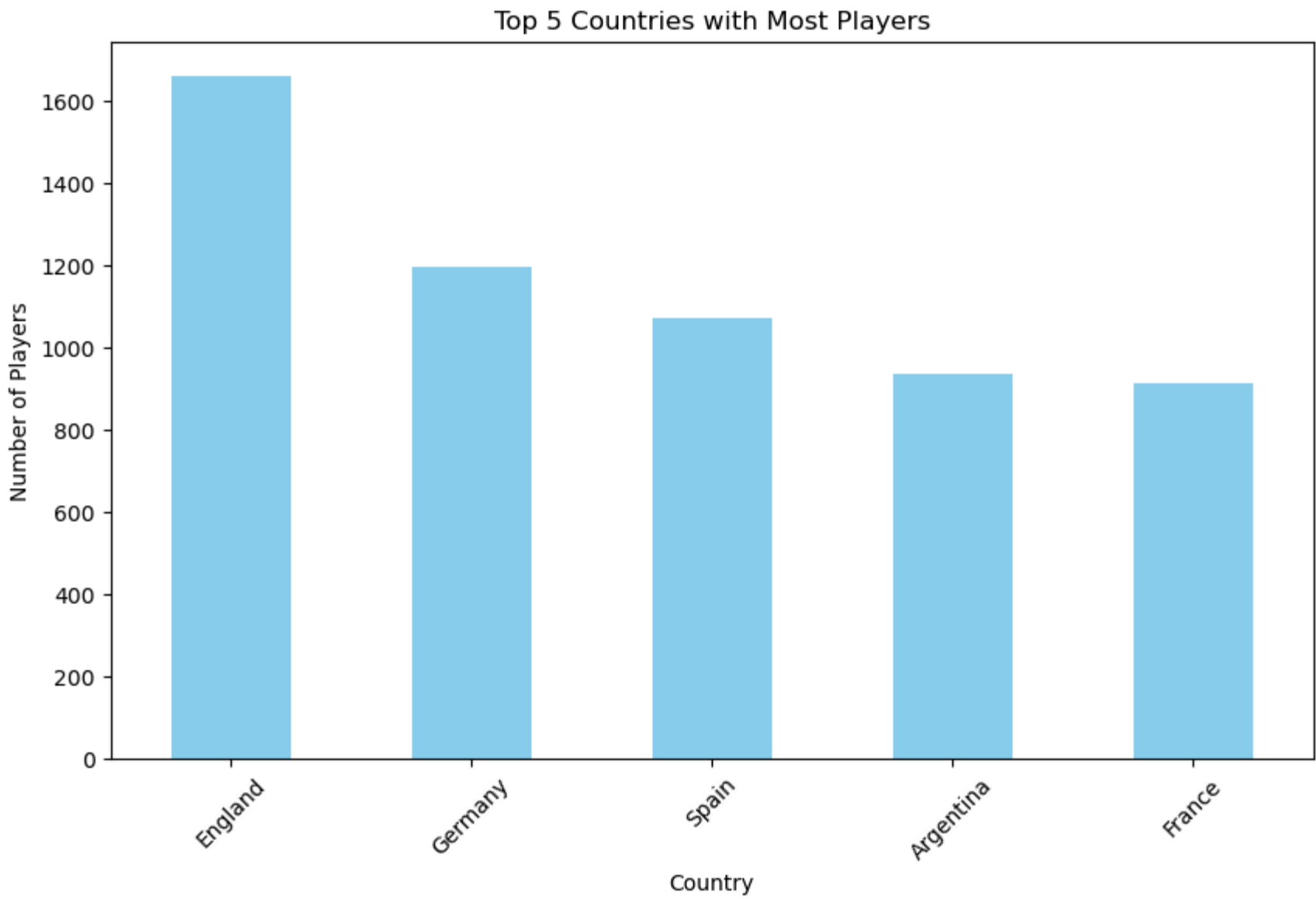
```
In [6]: import pandas as pd
import matplotlib.pyplot as plt

# Load the dataset
fifa_data = pd.read_csv('fifa_data.csv')
```

```
In [7]: # 1. Which country has the most number of players?
most_players_country = fifa_data['Nationality'].value_counts().idxmax()
print("Country with the most players:", most_players_country)
```

Country with the most players: England

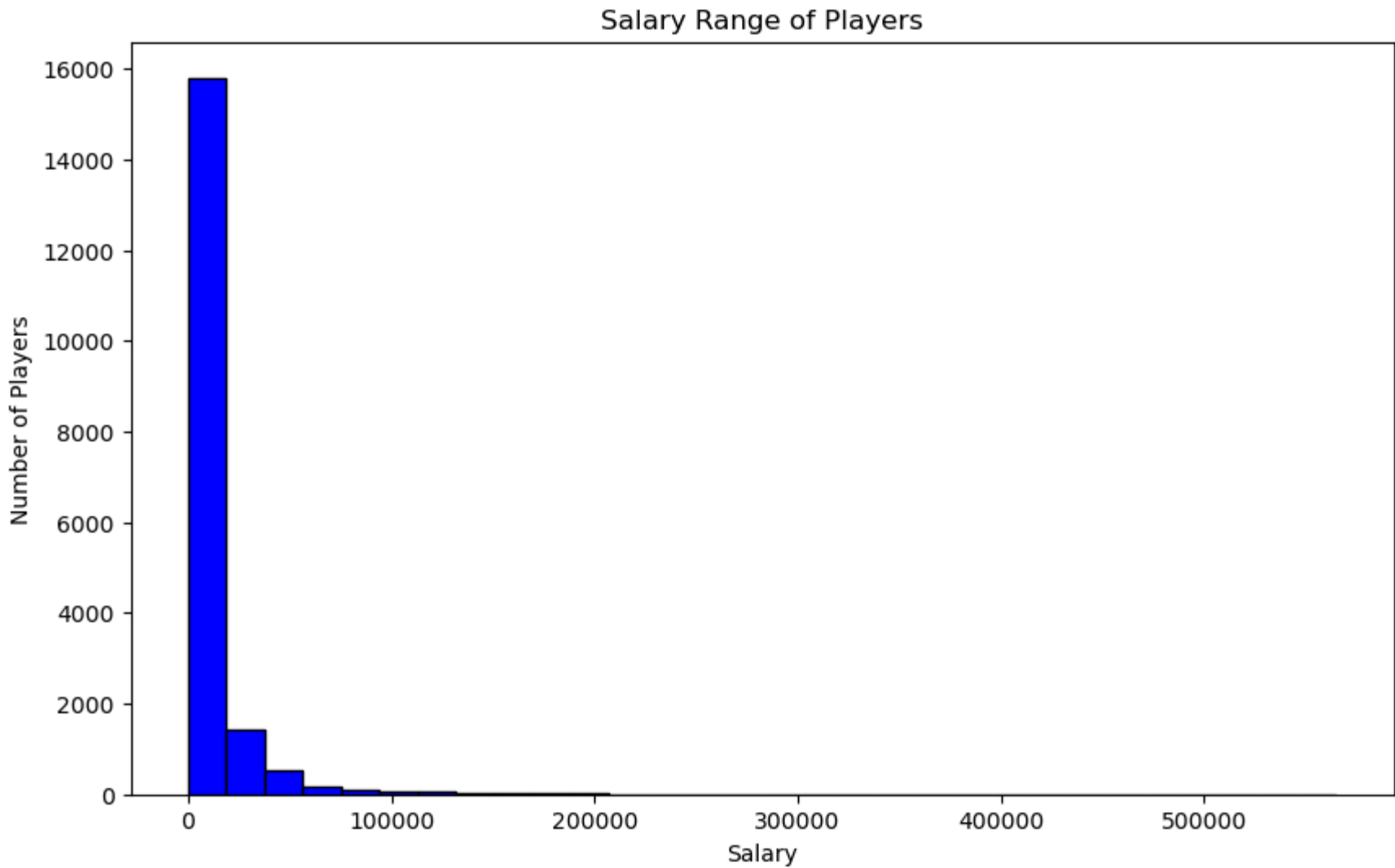
```
In [9]: # 2. Plot a bar chart of the top 5 countries with the most number of players.
top_countries = fifa_data['Nationality'].value_counts().head(5)
plt.figure(figsize=(10, 6))
top_countries.plot(kind='bar', color='skyblue')
plt.title('Top 5 Countries with Most Players')
plt.xlabel('Country')
plt.ylabel('Number of Players')
plt.xticks(rotation=45)
plt.show()
```



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In [10]: # 3. Which player has the highest salary?
fifa_data['Wage'] = fifa_data['Wage'].str.replace('€', '').str.replace('K', '000')
fifa_data['Wage'] = fifa_data['Wage'].astype(float)
highest_salary_player = fifa_data.loc[fifa_data['Wage'].idxmax()]['Name']
print("Player with the highest salary:", highest_salary_player)
```

Player with the highest salary: L. Messi

```
In [17]: #4. Plot a histogram to get the salary range of the players.
plt.figure(figsize=(10, 6))
plt.hist(fifa_data['Wage'], bins=30, color='blue', edgecolor='black')
plt.title('Salary Range of Players')
plt.xlabel('Salary')
plt.ylabel('Number of Players')
plt.show()
```



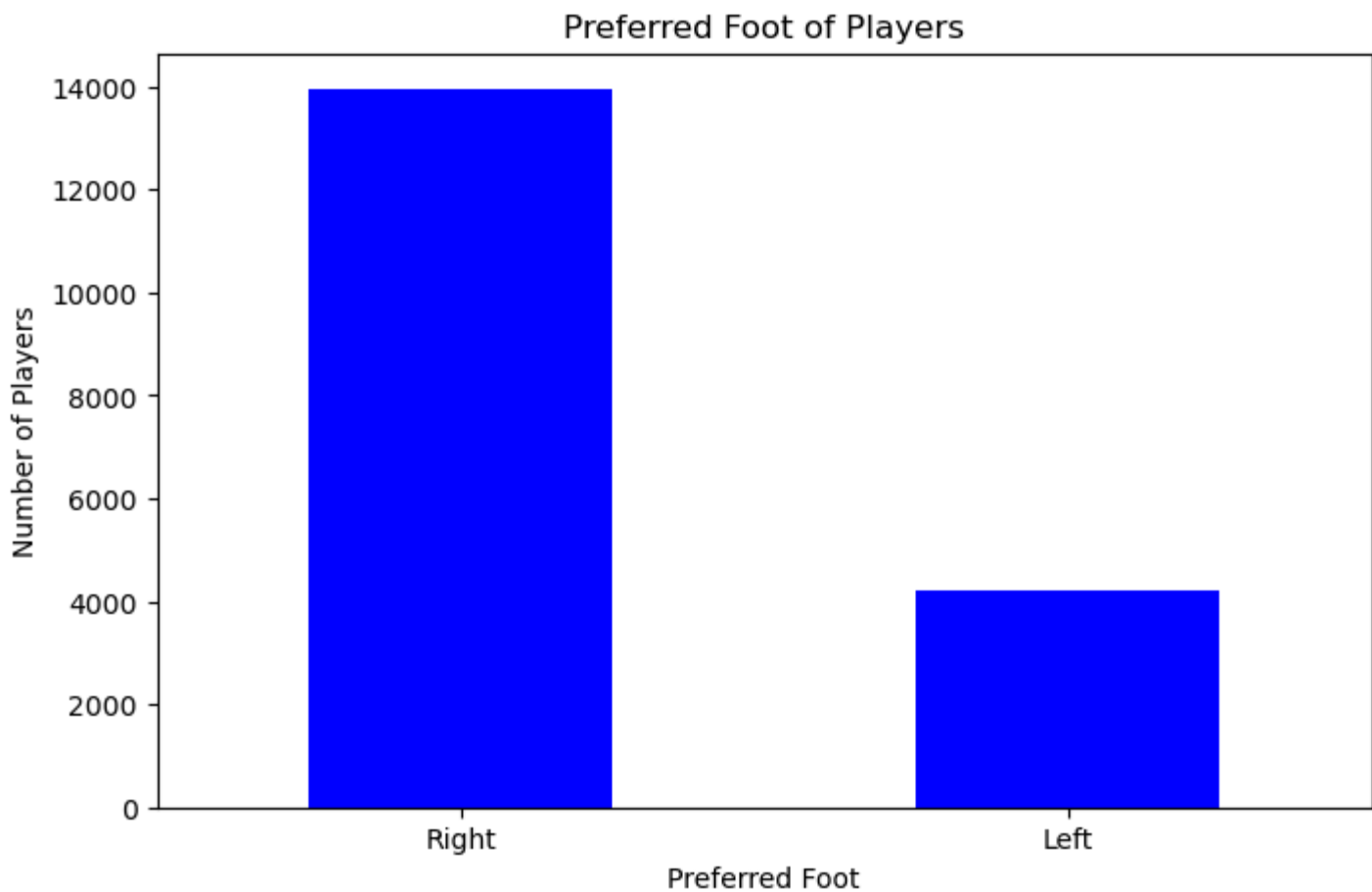
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In [13]: # 5. Who is the tallest player in FIFA?
fifa_data['Height'] = fifa_data['Height'].str.replace("'", "").astype(float)
tallest_player = fifa_data.loc[fifa_data['Height'].idxmax()]['Name']
print("Tallest player in FIFA:", tallest_player)
```

Tallest player in FIFA: T. Holý

```
In [14]: # 6. Which club has the most number of players?
most_players_club = fifa_data['Club'].value_counts().idxmax()
print("Club with the most number of players:", most_players_club)
```

Club with the most number of players: FC Barcelona

```
In [16]: # 7. Which foot is most preferred by the players? Draw a bar chart for preferred foot
preferred_foot = fifa_data['Preferred Foot'].value_counts()
plt.figure(figsize=(8, 5))
preferred_foot.plot(kind='bar', color='blue')
plt.title('Preferred Foot of Players')
plt.xlabel('Preferred Foot')
plt.ylabel('Number of Players')
plt.xticks(rotation=0)
plt.show()
```



In [ ]: