UFC Male Champion Statistics

As of 10/10/2023, taken from ufcstats.com (see graphs below):

The average age of a UFC champion is currently 32 years old.

Information is of 10/10/23 and may now be outdated

Heavyweight (265): Jon Jones:

Age 36, Height 6’4”, Reach 84”, Orthodox

Jon Jones lands 57% of significant strikes, delivering an average of 4.29 significant strikes per minute. This data suggests that Jon Jones attempts an average of 7.526 total significant strikes each minute, missing about 3.236 per minute. Jon has the best striking defense of all the current champions. He avoids 64% of all incoming punches while absorbing a low average of 2.22 significant strikes per minute. This suggests that his opponents attempt to strike Jon 6.167 times per minute, of which he successfully evades an average of 3.947 per minute. He lands an average of 1.93 take downs and attempts 0.50 submissions per 15 minutes of cage time. Jon stuffs an astounding 95% of incoming takedowns, and his offensive takedown attempts are successful 45% of the time. This is a versatile defensive fighter that is dangerous all around.

Light Heavyweight (205): Vacant

Middle Weight (185): Sean Strickland:

Age 32, Height 6’1”, Reach 76”, Orthodox

Sean Strickland is the least accurate champion, landing only 41% of significant strikes and delivering an average of 5.82 significant strikes per minute. This data suggests that Strickland attempts a champion-high average of 14.195 total significant strikes each minute, missing about 8.375 per minute. Strickland avoids a high 63% of all incoming strikes while absorbing an average of 4.24 significant strikes per minute, the highest absorbed for any current champion. This suggests that his opponents attempt to strike Sean 11.459 times per minute, of which he successfully evades an average of 7.219 per minute. He lands an average of 0.92 take downs and attempts 0.20 submissions per 15 minutes of cage time. Sean stuffs a solid 84% of incoming takedowns, and his offensive takedown attempts are successful 64% of the time. This is a high-output, defensive fighter that is constantly pressuring his opponents and not afraid to make things messy.

Welterweight (170): Leon Edwards:

Age 32, Height 6’2”, Reach 74”, Southpaw

Leon Edwards lands 53% of significant strikes and delivers an average of 2.80 significant strikes per minute. This data suggests that Leon attempts an average of 5.283 total significant strikes each minute, missing about 2.483 per minute. Edwards avoids 53% of all incoming punches while absorbing an average of 2.4 significant strikes per minute. This suggests that his opponents attempt to strike Edwards 5.106 times per minute, of which he successfully evades an average of 2.706 per minute. He lands an average of 1.26 take downs and attempts 0.30 submissions per 15 minutes of cage time. Leon stuffs 69% of incoming takedowns, and his offensive takedown attempts are successful 33% of the time – the lowest take down accuracy of all champions. This is a safe and patient striker with wrestling capabilities that prefers to keep it on the feet and pick his shots.

Lightweight (155): Islam Makhachev:

Age 32, Height 5’10”, Reach 70”, Southpaw

Islam Makhachev lands 59% of significant strikes and delivers an average of 2.35 significant strikes per minute – the lowest volume of significant strikes for a champion. This data suggests that Islam attempts an average of 3.983 total significant strikes each minute, missing about 1.633 per minute. Islam avoids 61% of all incoming punches while absorbing an average of 1.27 significant strikes per minute – the lowest absorbed for any champion. This suggests that his opponents attempt to strike Islam 3.256 times per minute, of which he successfully evades an average of 1.986 per minute. He lands an average of 3.24 take downs and attempts 1.10 submissions per 15 minutes of cage time – both stats the highest for any champion. Islam stuffs a high 90% of incoming takedowns, and his offensive takedown attempts are successful 62% of the time. This is a skilled grappler with a high wrestling output that is determined to get the takedown and plays it very safe on the feet.

Featherweight (145): Alexander Volkanovski:

Age 35, Height 5’6”, Reach 71”, Orthodox

Alexander Volkanovski lands 56% of significant strikes and delivers an average of 6.25 significant strikes per minute. This data suggests that Alex attempts an average of 11.161 total significant strikes each minute, missing about 4.911 per minute. He avoids 58% of all incoming punches while absorbing an average of 3.36 significant strikes per minute. This suggests that his opponents attempt to strike Volkanovski 8 times per minute, of which he successfully evades an average of 4.64 per minute. He lands an average of 1.86 take downs and attempts 0.20 submissions per 15 minutes of cage time. Alex stuffs 69% of incoming takedowns, and his offensive takedown attempts are successful 37% of the time. This is a well-balanced skillful fighter, good output, comfortable with striking and grappling.

Bantamweight (135): Sean O’Malley:

Age 28, Height 5’11”, Reach 72”, Switch

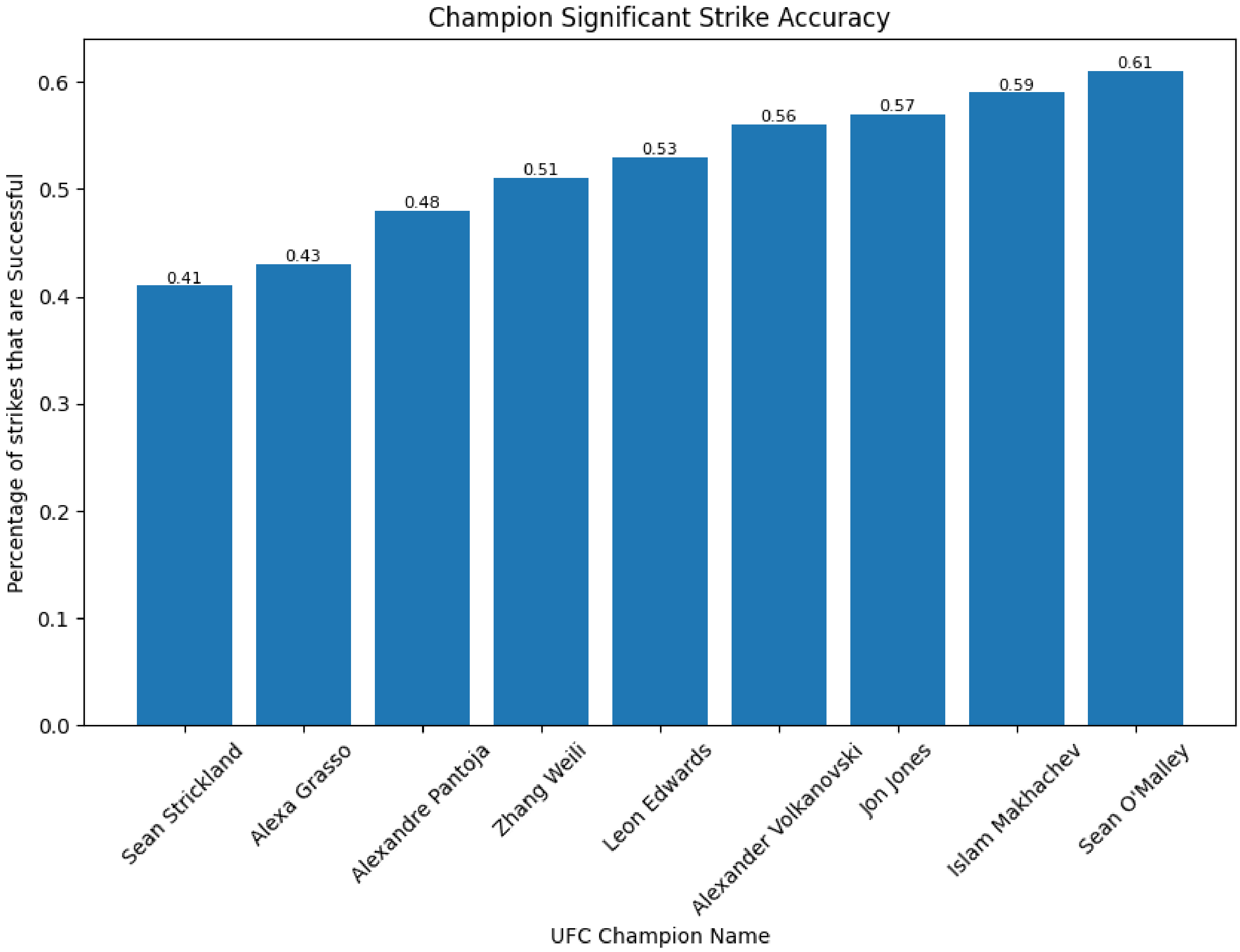
Sean O’Malley has the most accuracy in significant strikes, landing 61% of significant strikes, and delivering an average of 7.25 significant strikes per minute. This data suggests that Sean O’Malley attempts an average of 11.885 total significant strikes each minute, missing about 4.635 per minute. He avoids 61% of all incoming punches while absorbing an average of 3.51 significant strikes per minute. This suggests that his opponents attempt to strike Sean 9 times per minute, of which he successfully evades an average of 5.49 per minute. He lands an average of 0.43 take downs and attempts 0.40 submissions per 15 minutes of cage time. Sean stuffs 62% of incoming takedowns, and his offensive takedown attempts are successful 42% of the time. This is a highly skilled stand-up fighter that is busy and accurate on the feet, but prefers to keep it standing.

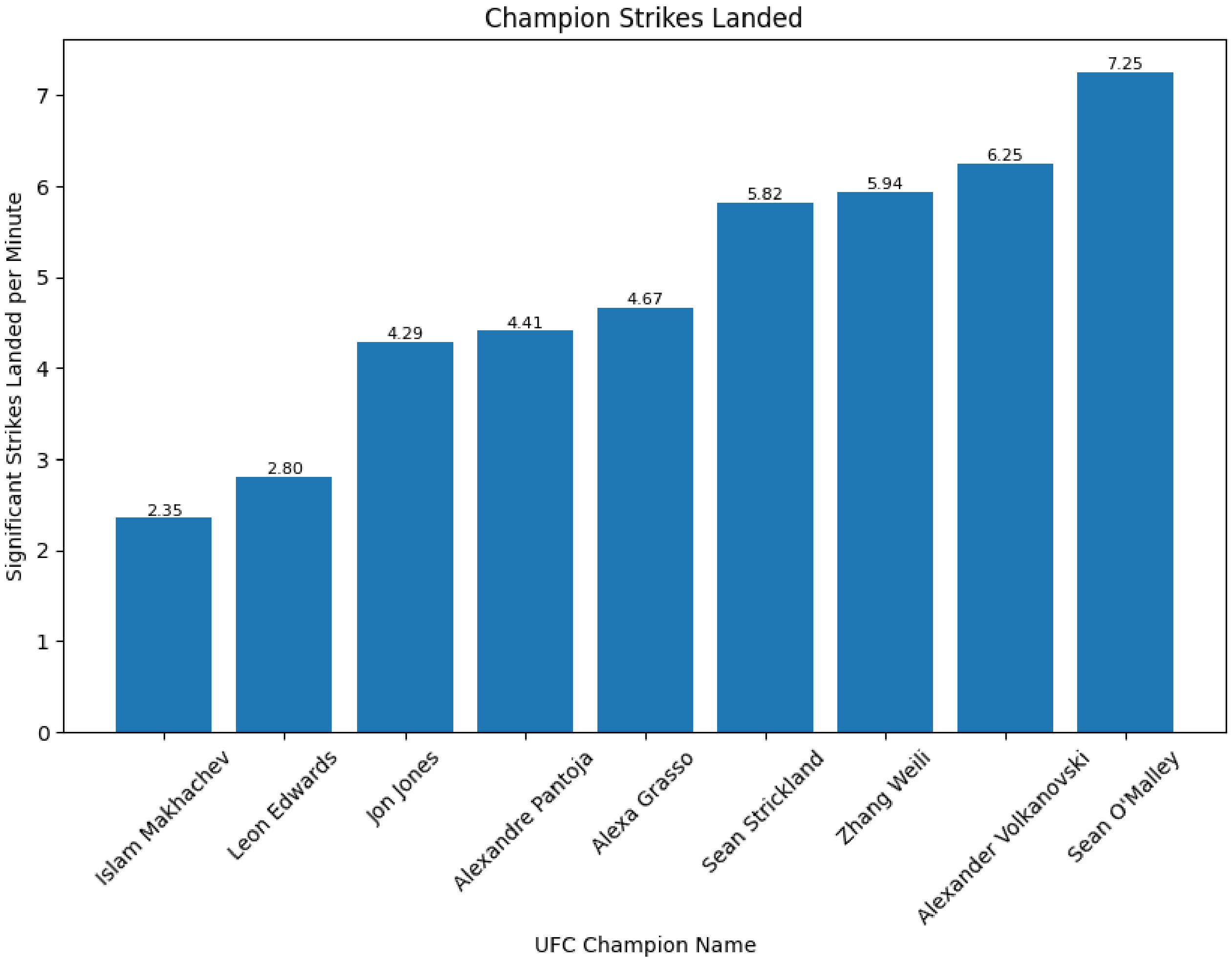
Flyweight (125): Alexandre Pantoja:

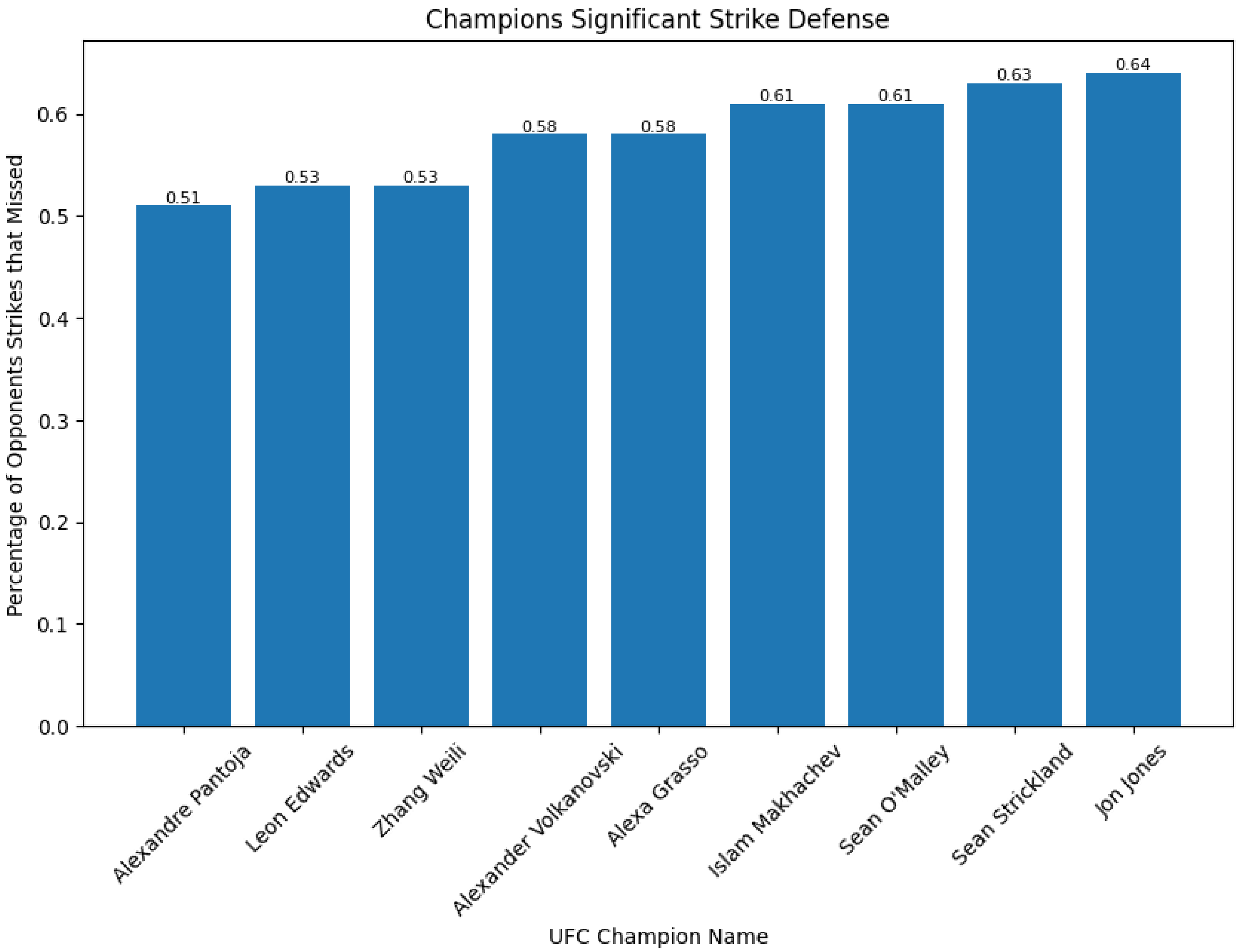
Age 33, Height 5’5”, Reach 67”, Orthodox

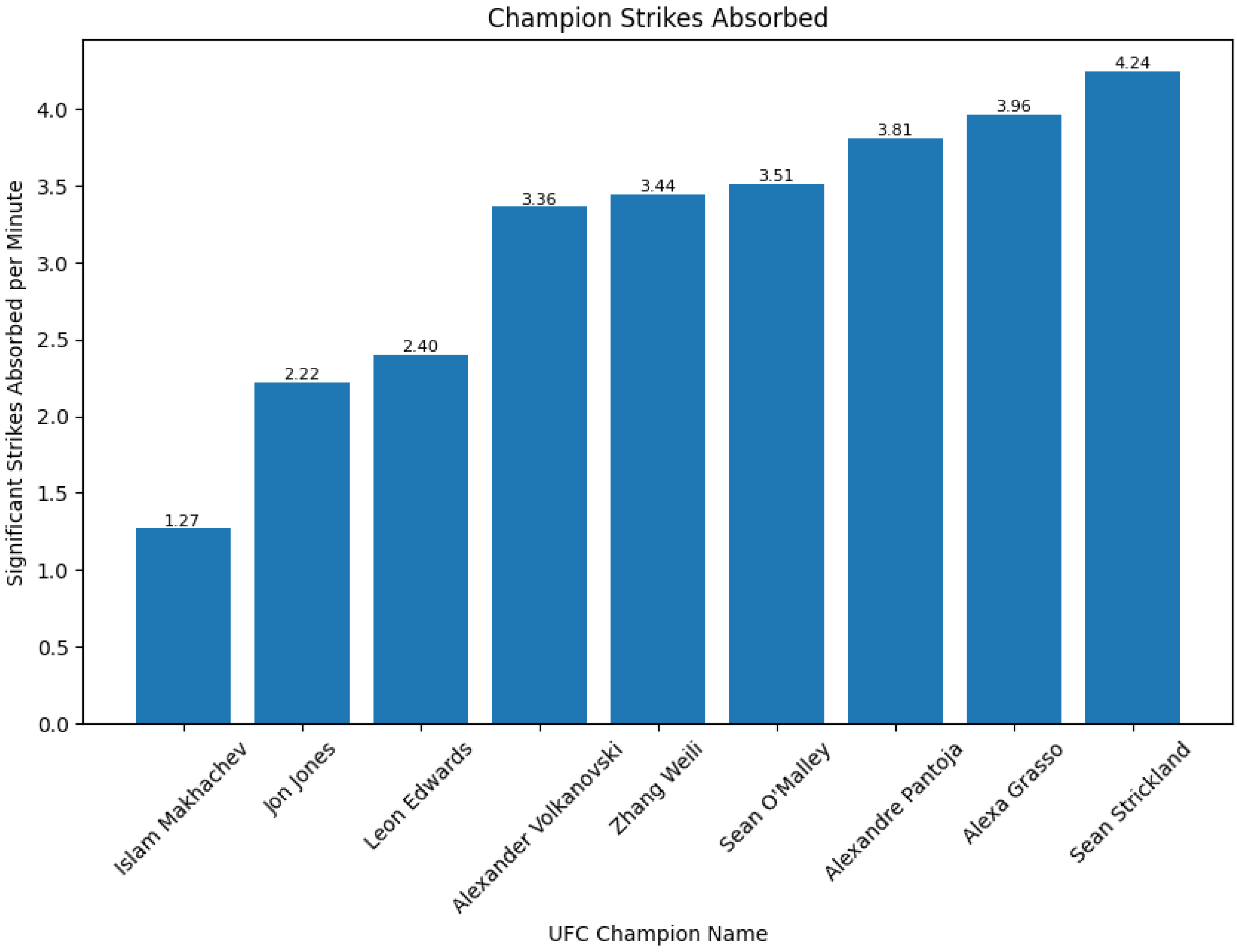
Alexandre Pantoja lands 48% of significant strikes and delivers an average of 4.41 significant strikes per minute. This data suggests that Alexandre attempts an average of 9.188 total significant strikes each minute, missing about 4.778 per minute. He has the worst striking defense of all the champions, avoiding only 51% of all incoming punches while absorbing an average of 3.81 significant strikes per minute. This suggests that his opponents attempt to strike Pantoja 7.776 times per minute, of which he successfully evades an average of 3.966 per minute. He lands an average of 1.75 take downs and attempts 1.0 submissions per 15 minutes of cage time. Pantoja stuffs 66% of incoming takedowns, and his offensive takedown attempts are successful 44% of the time. This is a grappler with a decent striking output but poor defensive capabilities.

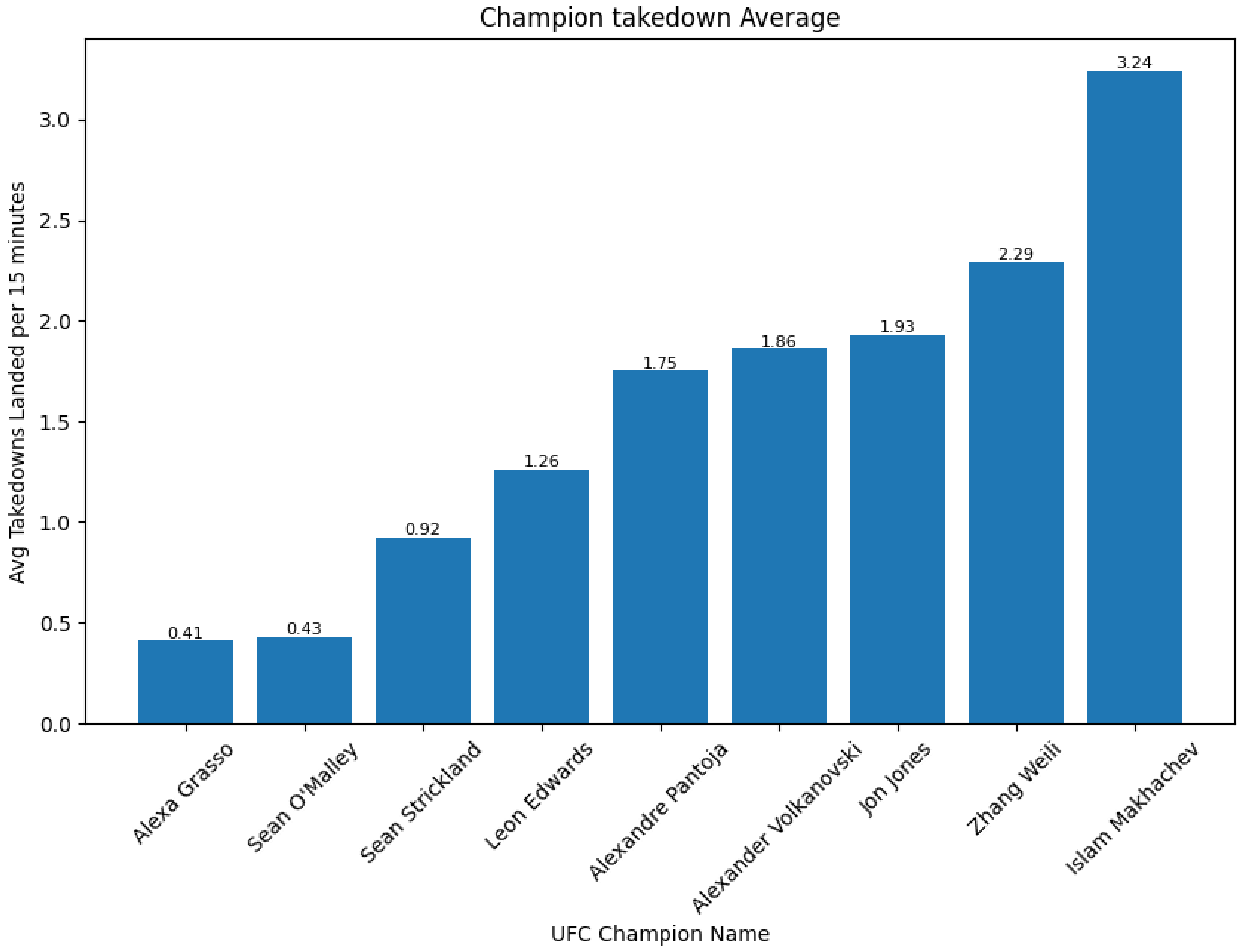
-Information in this text has been derived from the graphs below-

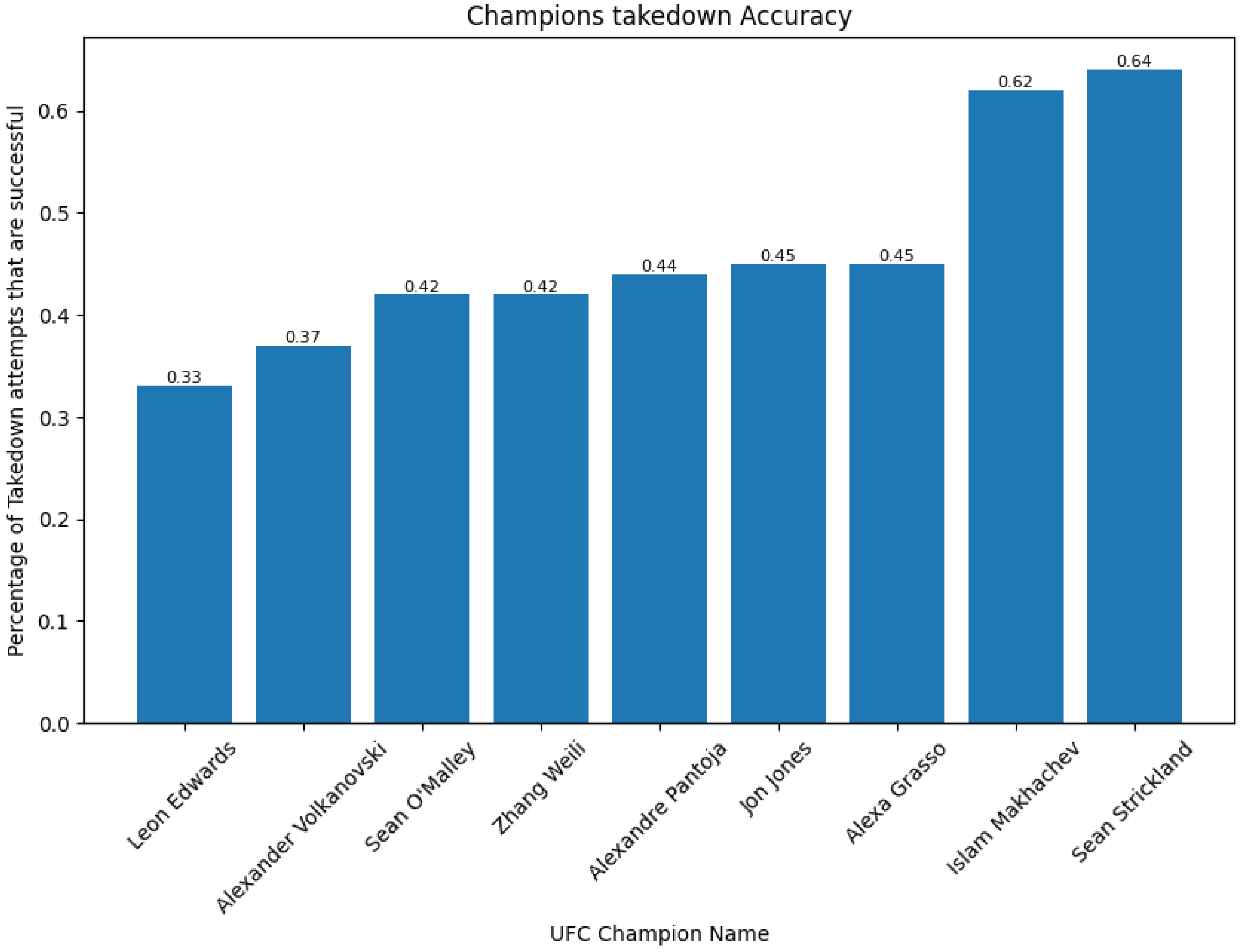

Champion Significant Strike Accuracy
Percentage of strikes that are Successful
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.41
0.43
0.48
0.51
0.53
0.56
0.57
0.59
0.61
Sean Strickland
Alexa Grasso
Alexandre Pantoja
Zhang Weili
Leon Edwards
Alexander Volkanovski
Jon Jones
Islam Makhachev
Sean O'Malley
UFC Champion Name

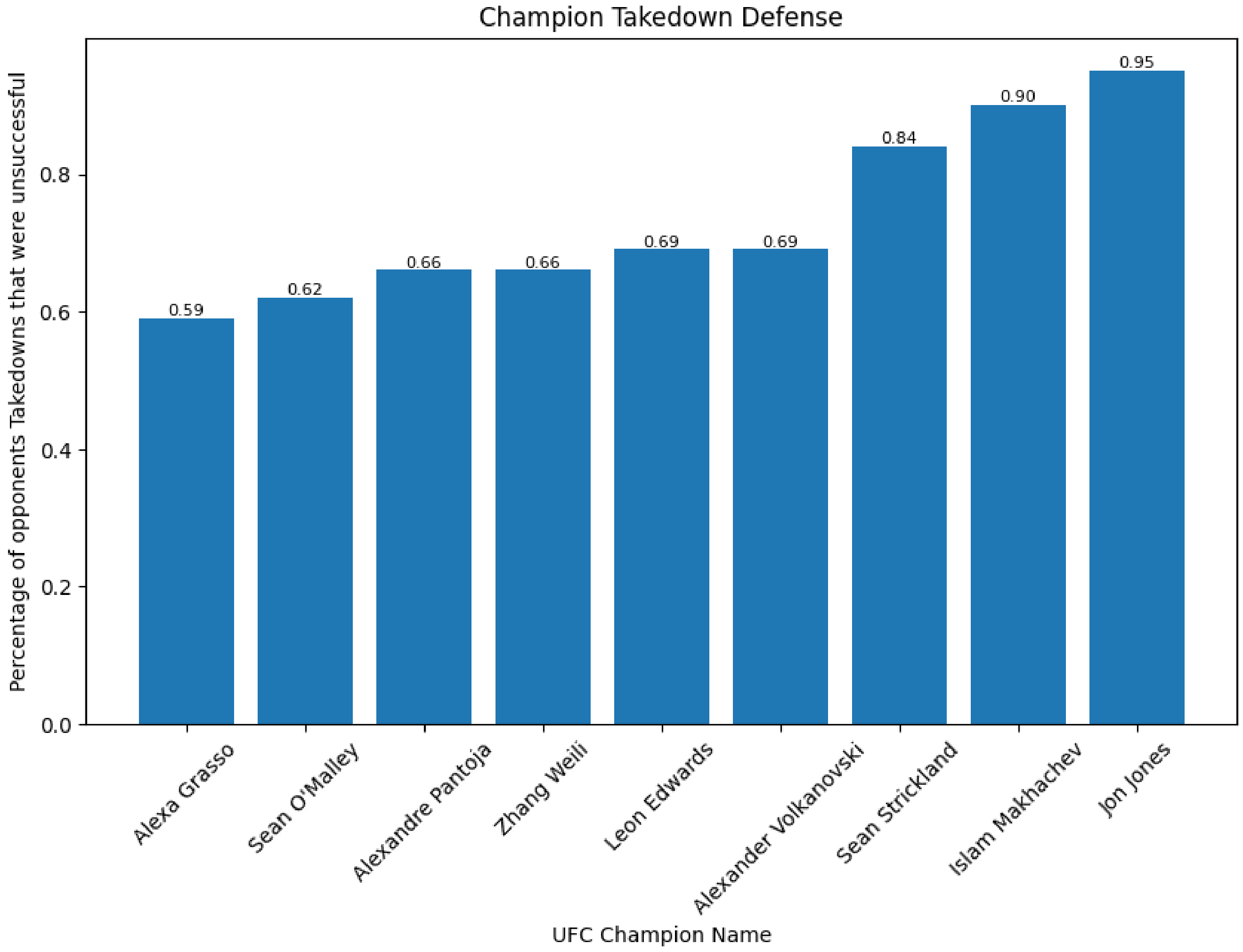

Champion Strikes Landed
Significant Strikes Landed per Minute
0
1
2
3
4
5
6
7
2.35
2.80
4.29
4.41
4.67
5.82
5.94
6.25
7.25
Islam Makhachev
Leon Edwards
Jon Jones
Alexandre Pantoja
Alexa Grasso
Sean Strickland
Zhang Weili
Alexander Volkanovski
Sean O'Malley
UFC Champion Name

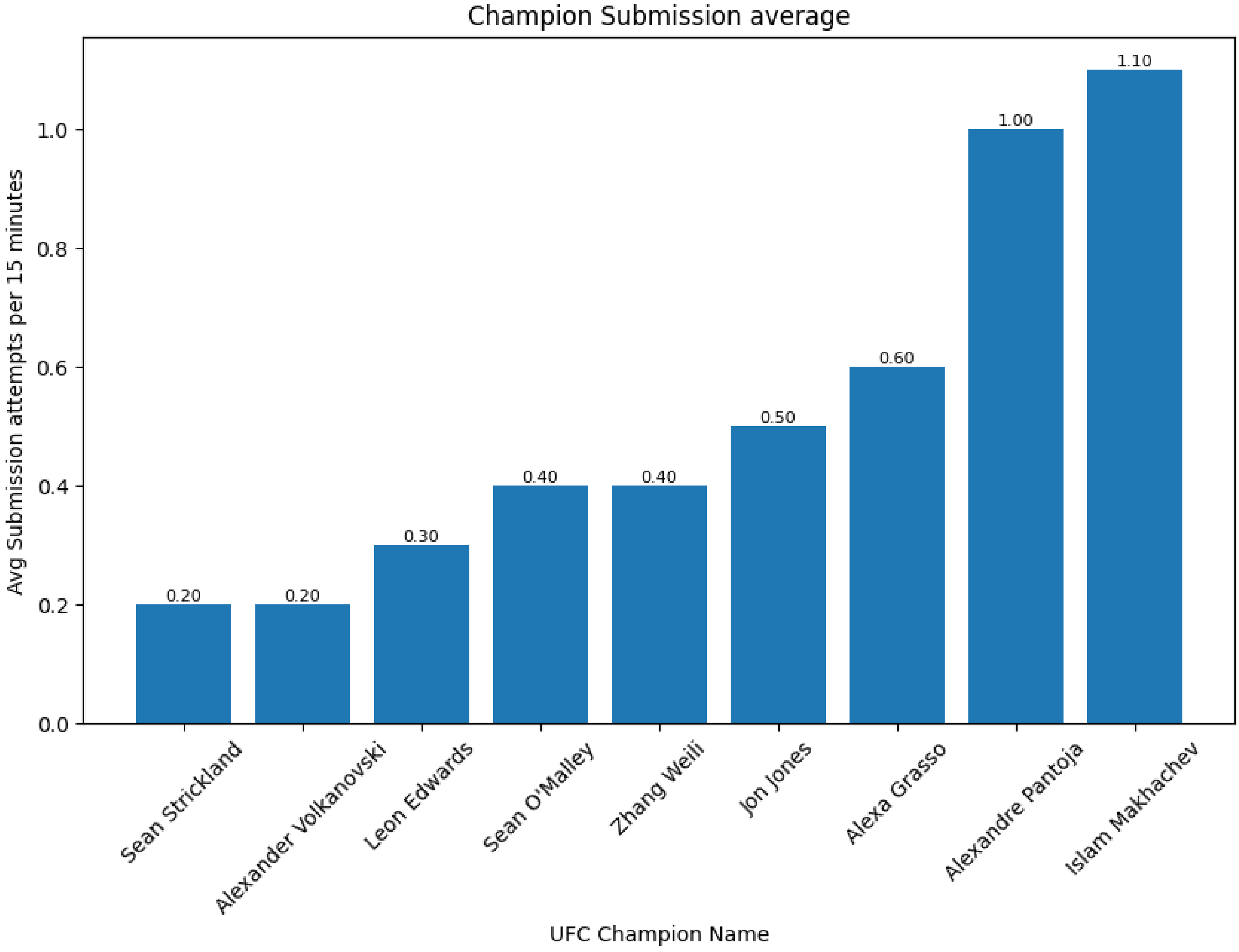

Champions Significant Strike Defense


Champion Strikes Absorbed


Champion takedown Average
Avg Takedowns Landed per 15 minutes
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.41
0.43
0.92
1.26
1.75
1.86
1.93
2.29
3.24
Alexa Grasso
Sean O'Malley
Sean Strickland
Leon Edwards
Alexandre Pantoja
Alexander Volkanovski
Jon Jones
Zhang Weili
Islam Makhachev
UFC Champion Name


Champions takedown Accuracy
Percentage of Takedown attempts that are successful
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.33
0.37
0.42
0.42
0.44
0.45
0.45
0.62
0.64
Leon Edwards
Alexander Volkanovski
Sean O'Malley
Zhang Weili
Alexandre Pantoja
Jon Jones
Alexa Grasso
Islam Makhachev
Sean Strickland
UFC Champion Name


Champion Takedown Defense
Percentage of opponents Takedowns that were unsuccessful
0.0
0.2
0.4
0.6
0.8
0.59
0.62
0.66
0.66
0.69
0.69
0.84
0.90
0.95
Alexa Grasso
Sean O'Malley
Alexandre Pantoja
Zhang Weili
Leon Edwards
Alexander Volkanovski
Sean Strickland
Islam Makhachev
Jon Jones
UFC Champion Name


Champion Submission average
Avg Submission attempts per 15 minutes
0.0
0.2
0.4
0.6
0.8
1.0
0.20
0.20
0.30
0.40
0.40
0.50
0.60
1.00
1.10
Sean Strickland
Alexander Volkanovski
Leon Edwards
Sean O'Malley
Zhang Weili
Jon Jones
Alexa Grasso
Alexandre Pantoja
Islam Makhachev
UFC Champion Name

By Vincent Forca

10/10/2023

Python Code appendix:

```
import pandas as pd

import matplotlib.pyplot as plt

import re


def Sig_strike_by_champion(df_path):

    # Read the CSV file

    df = pd.read_csv(df_path)

    # Convert 'Str Acc' percentages to numerical values

    df['Str Acc'] = df['Str Acc'].str.rstrip('%').astype(float) / 100.0

    # Sort the DataFrame by 'Str Acc' in ascending order

    df = df.sort_values(by='Str Acc', ascending=True)

    # Create the bar chart showing STRIKING ACCURACY (Str Acc)

    plt.figure(figsize=(10, 6))

    plt.bar(df['UFC Champion Name'], df['Str Acc'])

    plt.title('Champion Significant Strike Accuracy')

    plt.xlabel('UFC Champion Name')

    plt.ylabel('Percentage of strikes that are Successful')

    plt.xticks(rotation=45)

        # Annotate the bars with numerical values

    for i, value in enumerate(df['Str Acc']):

        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)

plt.show()



def Str_Def_by_champion(df_path):

    # Read the CSV file

    df = pd.read_csv(df_path)
    # Convert 'Str Def' percentages to numerical values
    df['Str Def'] = df['Str Def'].str.rstrip('%').astype(float) / 100.0
     # Sort the DataFrame by 'Str Def' in ascending order
    df = df.sort_values(by='Str Def', ascending=True)
    # Create the bar chart showing STRIKING Defence (Str Def)
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['Str Def'])
    plt.title('Champions Significant Strike Defense')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Percentage of Opponents Strikes that Missed')
    plt.xticks(rotation=45)
# Annotate the bars with numerical values
    for i, value in enumerate(df['Str Def']):
        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
plt.show()



def Sig_Strike_Landed_per_Minute(df_path):
        # Read the CSV file
    df = pd.read_csv(df_path)
         # Sort the DataFrame by 'slpm' in ascending order
    df = df.sort_values(by='SLpM ', ascending=True)
        # Create the bar chart showing strikes landed per minute
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['SLpM '])
    plt.title('Champion Strikes Landed')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Significant Strikes Landed per Minute')
    plt.xticks(rotation=45)
    # Annotate the bars with numerical values
    for i, value in enumerate(df['SLpM ']):
        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
    plt.show()


def Sig_Strike_Absorbed_per_Minute(df_path):
    df = pd.read_csv(df_path)
           # Sort the DataFrame by 'SApM' in ascending order
    df = df.sort_values(by='SApM', ascending=True)
        # Create the bar chart showing strikes landed per minute
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['SApM'])
    plt.title('Champion Strikes Absorbed')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Significant Strikes Absorbed per Minute')
    plt.xticks(rotation=45)
    # Annotate the bars with numerical values
    for i, value in enumerate(df['SApM']):
        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
    plt.show()


def avg_takedowns_landed_per_15Minute(df_path):
    df = pd.read_csv(df_path)
           # Sort the DataFrame by 'TD Avg' in ascending order
    df = df.sort_values(by='TD Avg', ascending=True)
        # Create the bar chart showing strikes landed per minute
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['TD Avg'])
    plt.title('Champion takedown Average')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Avg Takedowns Landed per 15 minutes')
    plt.xticks(rotation=45)
    # Annotate the bars with numerical values
    for i, value in enumerate(df['TD Avg']):
        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
    plt.show()


def takedown_accuracy(df_path):
    df = pd.read_csv(df_path)
   # Clean the 'TD Acc' column to remove '%' and convert to numeric values
    df['TD Acc'] = df['TD Acc'].str.rstrip('%').astype(float) / 100.0
 # Sort the DataFrame by 'TD Avg' in ascending order
    df = df.sort_values(by='TD Acc', ascending=True)
    # Create the bar chart showing strikes landed per minute
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['TD Acc'])
    plt.title('Champions takedown Accuracy')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Percentage of Takedown attempts that are successful')
    plt.xticks(rotation=45)
    # Annotate the bars with numerical values
    for i, value in enumerate(df['TD Acc']):
         plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
    plt.show()
```

```
def takedown_Defense(df_path):
    df = pd.read_csv(df_path)
     # Clean the 'TD Acc' column to remove '%' and convert to numeric values
    df['TD Def'] = df['TD Def'].str.rstrip('%').astype(float) / 100.0
           # Sort the DataFrame by 'TD Def' in ascending order
    df = df.sort_values(by='TD Def', ascending=True)
        # Create the bar chart showing strikes landed per minute
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['TD Def'])
    plt.title('Champion Takedown Defense')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Percentage of opponents Takedowns that were unsuccessful')
    plt.xticks(rotation=45)
    # Annotate the bars with numerical values
    for i, value in enumerate(df['TD Def']):
        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
    plt.show()



def Sub_Avg(df_path):
    df = pd.read_csv(df_path)


           # Sort the DataFrame by 'TD Def' in ascending order
    df = df.sort_values(by='Sub Avg', ascending=True)
        # Create the bar chart showing strikes landed per minute
    plt.figure(figsize=(10, 6))
    plt.bar(df['UFC Champion Name'], df['Sub Avg'])
    plt.title('Champion Submission average')
    plt.xlabel('UFC Champion Name')
    plt.ylabel('Avg Submission attempts per 15 minutes')
    plt.xticks(rotation=45)
    # Annotate the bars with numerical values
    for i, value in enumerate(df['Sub Avg']):
        plt.text(i, value, f'{value:.2f}', ha='center', va='bottom', fontsize=8)
    plt.show()



def Average_Age_of_Champions(df_path):
    # Read the CSV file
    df = pd.read_csv(df_path)

    # Calculate the average age of UFC champions
    average_age = df['Age'].mean()
    min_age = df['Age'].min()
    max_age = df['Age'].max()
    #Print age stats
    print(f"Minimum Champion age: {min_age: .2f} years")
    print(f"Maximum Champion age: {max_age: .2f} years")
    print(f"Average Champion age: {average_age: .2f} years")




# Example usage
file_path = "UFC Champion statistics October 10th 2023.csv"
Sig_strike_by_champion(file_path)
Str_Def_by_champion(file_path)
```

```
Sig_Strike_Landed_per_Minute(file_path)

Sig_Strike_Absorbed_per_Minute(file_path)

avg_takedowns_landed_per_15Minute(file_path)

takedown_accuracy(file_path)

takedown_Defense(file_path)

Sub_Avg(file_path)

Average_Age_of_Champions(file_path)
```