**Step-by-step explanation**

Mount the drive:

from google.colab import drive

drive.mount('/content/drive')

Import the needed libraries:

import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

Read the dataset:

df = pd.read\_excel('/content/drive/MyDrive/6119963\_2\_fifa.xlsx')

data = pd.read\_excel('/content/drive/MyDrive/6119963\_3\_data-dictionary--1-.xlsx')

Examining the dataset:

df.head()

data.head()

df.shape

df.columns

Picking only interested columns:

interested\_columns =['Name','Age','Nationality','Overall','Potential','Club','Value','Wage','Preferred Positions','ST','RW','LW']

DataFrame of interested columns:

FIFA18 = pd.DataFrame(df,columns=interested\_columns)

FIFA18.head() ## showing 5 rows in the fifa 2018 data

FIFA18.dtypes ##Datatype of all columns in fifa data

FIFA18['Position'] = FIFA18['Preferred Positions'].str.split().str[0]

def str2number(amount):

if type(amount) == int:

return amount

if amount[-1] == 'M':

d = float(amount[:-1])

return d\*1000000

elif amount[-1] == 'K':

d = float(amount[:-1])

return d\*1000

else:

d = float(amount[:])

return d

FIFA18['ValueNum'] = FIFA18['Value'].apply(lambda x: str2number(x))

FIFA18['WageNum'] = FIFA18['Wage'].apply(lambda x: str2number(x))

Scatterplot of the striker, the right-winger, or the left-winger:

plt.figure(figsize=(10,7))

# sns.set\_style("whitegrid")

plt.title('Players who get paid the most', fontsize=30, fontweight='bold', y=1.05,)

plt.xlabel('Value', fontsize=25)

plt.ylabel('Overall', fontsize=25)

sns.scatterplot(x='ValueNum', y='Overall', hue='Position', data=FIFA18.loc[FIFA18['Position'].isin(['ST', 'RW', 'LW'])])

plt.show()