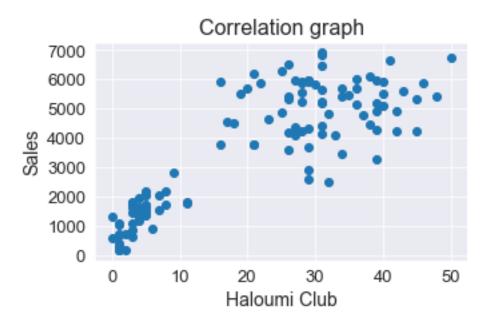
Untitled3

October 22, 2021

```
[84]: import pandas as pd
      import matplotlib.pyplot as plt
      import seaborn as sns
      import numpy as np
      from sklearn.linear_model import LinearRegression
      from sklearn.model_selection import train_test_split
      df = pd.read_excel("D:\Python\ML trial 1.xlsx")
[85]: def scatter_plot(x,y,xlabel, ylabel, title):
         plt.figure(figsize=(5,3))
         sns.set_style('darkgrid')
         plt.scatter(x,y)
         plt.xticks(size='13',rotation='horizontal')
         plt.yticks(size='13')
         plt.xlabel(xlabel,size='14')
         plt.ylabel(ylabel,size='14')
         plt.title(title,size='16')
         return
      scatter_plot(df['Haloumi Club'],df['Sales'],'Haloumi Club','Sales','Correlation_
```



[99]: 0.970514829177267