10/8/2019 K-Means

```
In [1]: from sklearn import datasets
import matplotlib.pyplot as plt
import pandas as pd
%matplotlib inline
from sklearn.cluster import KMeans
#Load the data
iris = datasets.load_iris()
iris
#type(df)
df = pd.DataFrame(iris.data)
df.head()
x=df.iloc[:,2:4]
x.head()
plt.scatter(x.iloc[:,0],x.iloc[:,1]) #x.iloc contains the position
plt.xlabel('Speal Length', fontsize =18)
plt.ylabel('Speal Width',fontsize =18)
plt.show()
```

