**Pandas excel for Python**

What are the primary objects of pandas?

1. Series

2. Data frame.

pd.series? # This line will give you the full documentation of pd.series

Data frame is the collection of these series object.

With the pd.series, the s should be capital as “S” and with the dataframe the D and F should be capital.

s1= pd.Series(["blue","red","green"], name="colors")

s2= pd.Series(["b", "r", "g"], name ="first\_letter")

df= pd.DataFrame([s1,s2]).T

df

Nmae character refers to the column heading and what is () refers to the content.

Getting data from Kaggle Hapiness.

Reading data from a csv file.

Using pd.read\_csv

df = pd.read\_csv("2019.csv")

----------------------------------------------------df.shape

-----------------------------------------------------df.head() this will print the first five rows.

----------------------------------------------------df.collumns shows us the names of the collumns

---------------------------------------------------df.dtypes shows the datatypes

Small Concepts

The mean,max,Min

Describe method for some of our descriptive statistics

Eg.df.describe()

And we can actually see all fully

df.describe(include ="all")

Assess a specific column

df[“column name”] eg. df["Score"]