

KEY_Practice11_Pandas-Reading

July 12, 2019

1 Practice: Reading Data with Pandas

First, we import pandas:

```
[ ]: import pandas as pd
```

Next, we'll mount Google Drive to the notebook:

```
[ ]: # mount Google Drive
from google.colab import drive
drive.mount('/content/gdrive')
path = '/content/gdrive/My Drive/SummerExperience-master/'
```

We have another dataset called iris. Let's load it into a DataFrame called iris:

```
[ ]: # this is where the file is located
filename = path + 'Lessons/SampleData/iris.csv'

# load the iris dataset into a DataFrame
iris = pd.read_csv(filename)
```

Explore the DataFrame; take a look at the beginning and end:

```
[ ]: # View the first few rows

iris.head()
```

```
[ ]: # View the last few rows

iris.tail()
```

How many rows are in the DataFrame? Use len to find out:

```
[ ]: # number of rows

len(iris)
```

How many columns are in the DataFrame? Use columns and len to find out:

```
[ ]: # number of columns

len(iris.columns)
```

How many data points are in the DataFrame:

```
[ ]: # calculate the number of data points
```

```
len(iris)*len(iris.columns)
```