LESSON_END_PROJECT

April 21, 2021

[37]:
```
import pandas as pd
import seaborn as sns
import matplotlib as plt
%matplotlib inline

print("Library are now Accessable...")
```

```
Library are now Accessable…
```

[3]:
```
data = pd.DataFrame({'first_name': ['Jason', 'Molly', 'Tina', 'Jake', 'Amy'],
                     'last_name':['Miller', 'Jacobson', ".", 'Milner', 'Cooze'],
                     'age': [42, 52, 36, 24, 73],
                     'preTestScore': [4, 24, 31, ".", "."],
                     'postTestScore': ["25,000", "94,000", 57, 62, 70]})
data
```

[3]:

	first_name	last_name	age	preTestScore	postTestScore
0	Jason	Miller	42	4	25,000
1	Molly	Jacobson	52	24	94,000
2	Tina	.	36	31	57
3	Jake	Milner	24	.	62
4	Amy	Cooze	73	.	70

[4]:
```
# 1. save dataframe into csv file

data.to_csv("project.csv")
print("Data Exported Sucessfully as 'project.csv' ")
```

```
Data Exported Sucessfully as 'project.csv'
```

[24]:
```
# 2. Read project.csv and print the dataframe amd removed heading

raw = pd.read_csv("project.csv")#header=None
raw=raw.drop(columns = {'Unnamed: 0'}, inplace = False)

print(pd.DataFrame(raw))

print("\nproject.csv printed Sucessfully as 'Dataframe' ")
```

```
  first_name last_name  age preTestScore postTestScore
0      Jason    Miller   42            4        25,000
1      Molly  Jacobson   52           24        94,000
2       Tina         .   36           31            57
3       Jake    Milner   24            .            62
4        Amy     Cooze   73            .            70

project.csv printed Sucessfully as 'Dataframe'
```

[25]:
```
# Rename columns
raw=raw.rename(columns = {'first_name': 'First Name', 'last_name': 'Last␣
 ↪Name'}, inplace = False)
print("Column renamed Sucessfully\n")
print(raw[['First Name','Last Name']])
```

```
Column renamed Sucessfully

  First Name Last Name
0      Jason    Miller
1      Molly  Jacobson
2       Tina         .
3       Jake    Milner
4        Amy     Cooze
```

[28]:
```
# finding any missing values
print("Data Loaded Sucessfully\n")
raw.isna()
```

```
Data Loaded Sucessfully
```

[28]:

	First Name	Last Name	age	preTestScore	postTestScore
0	False	False	False	False	False
1	False	False	False	False	False
2	False	False	False	False	False
3	False	False	False	False	False
4	False	False	False	False	False

[36]:
```
# Remove first 3 rows[0,1,2]
print("Data Loaded Sucessfully")
raw.iloc[3:]
```

```
Data Loaded Sucessfully
```

[36]:

	First Name	Last Name	age	preTestScore	postTestScore
3	Jake	Milner	24	.	62
4	Amy	Cooze	73	.	70

[ ]: