Prerequisites

- Do a "***pip install pandas***"
- Do a "***pip install xlsxwriter***" – This is required to export data as an excel file(ie a file with a **.xlsx** extension)

Importations

- Do an "***import pandas as pd***"

Exporting file as a csv file

- Create "**DataFrame**" with this line:

```
table = pd.DataFrame({
        "ColumnName1": ["item1", "item2", "item3"]
        "ColumnName2": ["some_item1", "some_item2", "some_item3]
        "ColumnName3": ["em1", "em2", "em3]
})
```

- Export as csv file with:
  table.to_csv("filename.csv")
- Result:

ColumnName1	ColumnName2	ColumnName3
item1	some_item1	em1
Item2	some_item2	em2
Item3	some_item3	em3

- Note that the file generated is where this table is stored and it has a name of "***filename.csv***"
- Also note that you could have any number of **rows** or **columns**

Exporting file as an excel file

- Create "**DataFrame**" with this line:

```
table = pd.DataFrame({
        "ColumnName1": ["item1", "item2", "item3"]
        "ColumnName2": ["some_item1", "some_item2", "some_item3]
        "ColumnName3": ["em1", "em2", "em3]
})
```

- Create Variable:
  excel_table = pd.ExcelWriter("filename2.xlsx", engine="xlsxwriter")
- Enter the line:
  table.to_excel(excel_table, sheet_name="Sheet1")
- Result:

ColumnName1	ColumnName2	ColumnName3
item1	some_item1	em1
Item2	some_item2	em2
Item3	some_item3	em3

- Note that the file generated is where this table is stored and it has a name of "***filename2.xlsx***"
- Also note that you could have any number of **rows** or **columns**