Python Libraries

Python being versatile, does have its hand in accessing various file formats. In this article, we will be discussing how to handle the most common file formats, namely CSV, XLSX, SQL, HTML, SPSS etc. using Python.

Importing
Excel
Type Files

pd.read_excel('sample.xlsx')

sample.to_excel('finished.xlsx')

Importing
CSV
Type Files

pd.read_csv('sample.csv')

sample.to_csv('finished.csv')

Importing SPSS Type Files

pd.read_spss('sample.sav')

Importing
HTML
Type Files

pd.read_html('https://en.wikipedia.org/wiki/')

sample.to_html('finished.html')

```python
server = 'DESKTOP-U05UOD0'
database = 'master'
driver = 'ODBC Driver 17 for SQL Server'
database_con =
f'mssql://@{server}/{database}?driver={driver}'

engine = create_engine(database_con)
con = engine.connect()
```

Importing SQL Type Files

```python
pd.read_sql_table("customers", con)

pd.read_sql_query('select * from DimCustomer',con)
```