

JUPYTER NOTEBOOK IN VSCODE (DAY-10)

It's true, that vscode is much better than jupyter notebook

```
In [ ]: print("Python ka chilla with Baba Amma")
```

Python ka chilla with Baba Amma

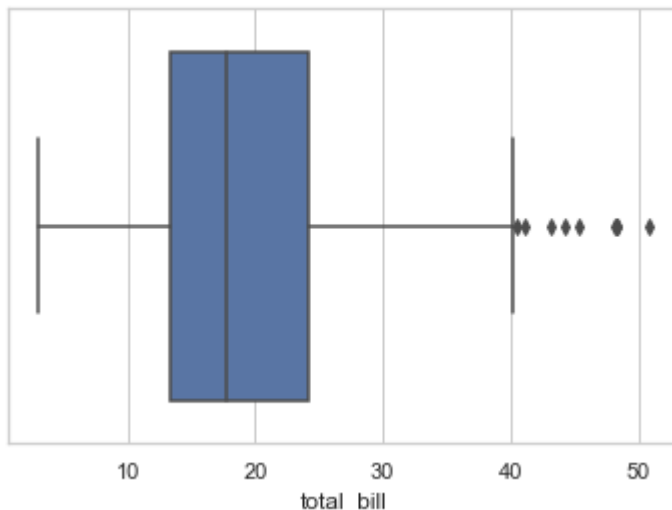
```
In [ ]: qurat_ul_ain_habib="My name is Qurat ul Ain Habib"
        qurat_ul_ain_habib
```

```
Out[ ]: 'My name is Qurat ul Ain Habib'
```

```
In [ ]: import numpy as np
        x=np.array([1,2,5,6,7,9,5])
        x
```

```
Out[ ]: array([1, 2, 5, 6, 7, 9, 5])
```

```
In [ ]: import seaborn as sns
        sns.set_theme(style="whitegrid")
        tips = sns.load_dataset("tips")
        ax = sns.boxplot(x=tips["total_bill"])
```



```
In [ ]: pip install matplotlib
```

Defaulting to user installation because normal site-packages is not writeable
Note: you may need to restart the kernel to use updated packages.

ERROR: Could not find a version that satisfies the requirement matplotlib (from version s: none)

ERROR: No matching distribution found for matplotlib

WARNING: You are using pip version 21.2.4; however, version 21.3.1 is available.

You should consider upgrading via the 'C:\Program Files\Python310\python.exe -m pip install --upgrade pip' command.

In []:

```
pip install seaborn
```

Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: seaborn in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (0.11.2)
Requirement already satisfied: scipy>=1.0 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from seaborn) (1.7.3)
Requirement already satisfied: numpy>=1.15 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from seaborn) (1.22.0)
Requirement already satisfied: pandas>=0.23 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from seaborn) (1.3.5)
Requirement already satisfied: matplotlib>=2.2 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from seaborn) (3.5.1)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (3.0.6)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (4.28.5)
Requirement already satisfied: cycler>=0.10 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (0.11.0)
Requirement already satisfied: packaging>=20.0 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (21.3)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (1.3.2)
Requirement already satisfied: pillow>=6.2.0 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (9.0.0)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from matplotlib>=2.2->seaborn) (2.8.2)
Requirement already satisfied: pytz>=2017.3 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from pandas>=0.23->seaborn) (2021.3)
Requirement already satisfied: six>=1.5 in c:\users\qureshi computers\appdata\roaming\python\python310\site-packages (from python-dateutil>=2.7->matplotlib>=2.2->seaborn) (1.16.0)
Note: you may need to restart the kernel to use updated packages.
WARNING: You are using pip version 21.2.4; however, version 21.3.1 is available.
You should consider upgrading via the 'C:\Program Files\Python310\python.exe -m pip install --upgrade pip' command.

In []:

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt

phool = pd.read_csv("iris.csv")
phool
```

```
-----
FileNotFoundError                                Traceback (most recent call last)
C:\Users\QURESH~1\AppData\Local\Temp\ipykernel_14388\645606396.py in <module>
      3 import matplotlib.pyplot as plt
      4
----> 5 phool = pd.read_csv("iris.csv")
      6 phool

~\AppData\Roaming\Python\Python310\site-packages\pandas\util\_decorators.py in wrapper(*
args, **kwargs)
    309                                     stacklevel=stacklevel,
```

```

310         )
--> 311         return func(*args, **kwargs)
312
313     return wrapper

```

```

~\AppData\Roaming\Python\Python310\site-packages\pandas\io\parsers\readers.py in read_csv(filepath_or_buffer, sep, delimiter, header, names, index_col, usecols, squeeze, prefix, mangle_dupe_cols, dtype, engine, converters, true_values, false_values, skipinitialspace, skiprows, skipfooter, nrows, na_values, keep_default_na, na_filter, verbose, skip_blank_lines, parse_dates, infer_datetime_format, keep_date_col, date_parser, dayfirst, cache_dates, iterator, chunksize, compression, thousands, decimal, lineterminator, quoting, doublequote, escapechar, comment, encoding, encoding_errors, dialect, error_bad_lines, warn_bad_lines, on_bad_lines, delim_whitespace, low_memory, memory_map, float_precision, storage_options)

```

```

584     kwds.update(kwds_defaults)
585
--> 586     return _read(filepath_or_buffer, kwds)
587
588

```

```

~\AppData\Roaming\Python\Python310\site-packages\pandas\io\parsers\readers.py in _read(filepath_or_buffer, kwds)

```

```

480
481     # Create the parser.
--> 482     parser = TextFileReader(filepath_or_buffer, **kwds)
483
484     if chunksize or iterator:

```

```

~\AppData\Roaming\Python\Python310\site-packages\pandas\io\parsers\readers.py in __init__(self, f, engine, **kwds)

```

```

809         self.options["has_index_names"] = kwds["has_index_names"]
810
--> 811         self._engine = self._make_engine(self.engine)
812
813     def close(self):

```

```

~\AppData\Roaming\Python\Python310\site-packages\pandas\io\parsers\readers.py in _make_engine(self, engine)

```

```

1038         )
1039         # error: Too many arguments for "ParserBase"
-> 1040         return mapping[engine](self.f, **self.options) # type: ignore[call-arg]
1041
1042     def _failover_to_python(self):

```

```

~\AppData\Roaming\Python\Python310\site-packages\pandas\io\parsers\c_parser_wrapper.py in __init__(self, src, **kwds)

```

```

49
50     # open handles
--> 51     self._open_handles(src, kwds)
52     assert self.handles is not None
53

```

```

~\AppData\Roaming\Python\Python310\site-packages\pandas\io\parsers\base_parser.py in _open_handles(self, src, kwds)

```

```

220         Let the readers open IOHandles after they are done with their potential
        raises.
221         """
--> 222         self.handles = get_handle(
223             src,

```

```
224         "r",
```

```
~\AppData\Roaming\Python\Python310\site-packages\pandas\io\common.py in get_handle(path_
or_buf, mode, encoding, compression, memory_map, is_text, errors, storage_options)
    700         if ioargs.encoding and "b" not in ioargs.mode:
    701             # Encoding
--> 702         handle = open(
    703             handle,
    704             ioargs.mode,
```

FileNotFoundError: [Errno 2] No such file or directory: 'iris.csv'