**PANDAS**

1. import pandas as pd
2. dir(pd)

['ArrowDtype',

'BooleanDtype',

'Categorical',

'CategoricalDtype',

'CategoricalIndex',

'DataFrame',

'DateOffset',

'DatetimeIndex',

'DatetimeTZDtype',

'ExcelFile',

'ExcelWriter',

'Flags',

'Float32Dtype',

'Float64Dtype',

'Grouper',

'HDFStore',

'Index',

'IndexSlice',

'Int16Dtype',

'Int32Dtype',

'Int64Dtype',

'Int8Dtype',

'Interval',

'IntervalDtype',

'IntervalIndex',

'MultiIndex',

'NA',

'NaT',

'NamedAgg',

'Period',

'PeriodDtype',

'PeriodIndex',

'RangeIndex',

'Series',

'SparseDtype',

'StringDtype',

'Timedelta',

'TimedeltaIndex',

'Timestamp',

'UInt16Dtype',

'UInt32Dtype',

'UInt64Dtype',

'UInt8Dtype',

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'\_\_builtins\_\_',

'\_\_cached\_\_',

'\_\_doc\_\_',

'\_\_docformat\_\_',

'\_\_file\_\_',

'\_\_git\_version\_\_',

'\_\_loader\_\_',

'\_\_name\_\_',

'\_\_package\_\_',

'\_\_path\_\_',

'\_\_spec\_\_',

'\_\_version\_\_',

'\_config',

'\_is\_numpy\_dev',

'\_libs',

'\_testing',

'\_typing',

'\_version',

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'get\_dummies',

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'interval\_range',

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'isnull',

'json\_normalize',

'lreshape',

'melt',

'merge',

'merge\_asof',

'merge\_ordered',

'notna',

'notnull',

'offsets',

'option\_context',

'options',

'pandas',

'period\_range',

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'pivot\_table',

'plotting',

'qcut',

'read\_clipboard',

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'read\_excel',

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'read\_fwf',

'read\_gbq',

'read\_hdf',

'read\_html',

'read\_json',

'read\_orc',

'read\_parquet',

'read\_pickle',

'read\_sas',

'read\_spss',

'read\_sql',

'read\_sql\_query',

'read\_sql\_table',

'read\_stata',

'read\_table',

'read\_xml',

'reset\_option',

'set\_eng\_float\_format',

'set\_option',

'show\_versions',

'test',

'testing',

'timedelta\_range',

'to\_datetime',

'to\_numeric',

'to\_pickle',

'to\_timedelta',

'tseries',

'unique',

'util',

'value\_counts',

'wide\_to\_long']

3. help(pd.read\_csv)

* Provides Documentation of particular method.

4. pd.read\_csv('olympics\_1896\_2004.csv')

* Used to import csv files.

5. oo = pd.read\_csv('olympics\_1896\_2004.csv')

* Stored in a variable called oo for efficient process.

6. oo = pd.read\_csv('olympics\_1896\_2004.csv', skiprows=5)

* Skips the 1st accordance rows and displays ordered data set.

7. oo.shape

* Tells the number of rows and colums present in dataset.

8. oo.head()

* Displays 1st occurance rows of dataset.The default value will be 5 rows.

9. oo.tail()

* Displays last occurance rows of dataset.Default value will be 5 rows.

10. oo.sample(5)

* Displays random rows and columns of dataset.

11. oo.info()

* Displays information about dataset like number of columns,data types,non null counts.

12. oo.describe()

* Displays numerical operations on dataset like min,max,std,mean,count,percentage.