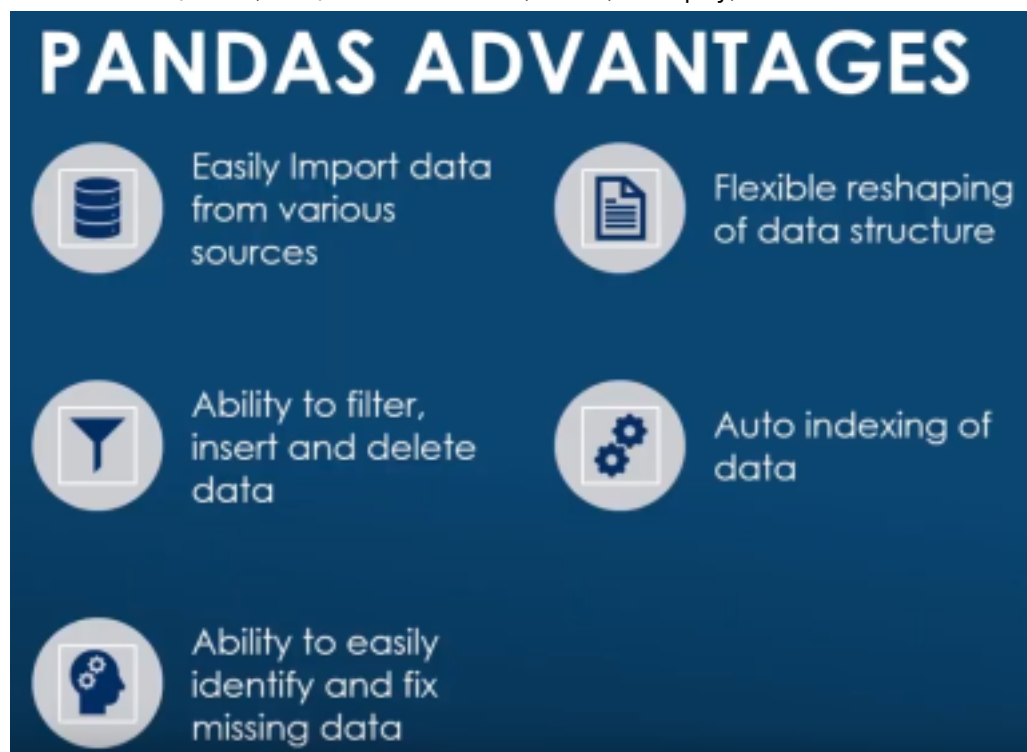


Pandas / Python

=> Read CSV/Excel, add/delete columns, Filter, Groupby, Slice etc.



Pandas DataFrame :

A Pandas DataFrame is a 2 dimensional data structure, like a 2 dimensional array, or a table with rows and columns.

	Category	Territory	Country	OrderCount	OrderDate	Sales	Quantity
0	Clothing	United Kingdom	United Kingdom	1	2012-06-30	68.786592	14
1	Accessories	United Kingdom	United Kingdom	1	2012-06-30	90.000000	6
2	Clothing	United Kingdom	United Kingdom	1	2012-06-30	182.352000	8
3	Clothing	United Kingdom	United Kingdom	1	2012-06-30	317.596400	16
4	Clothing	United Kingdom	United Kingdom	1	2012-06-30	159.558000	7

Example :

```
import pandas
mydataset = {
    'cars' : ["BMW", "Volvo", "Ford"],
    'passings' : [3, 7, 2]
}
myvar = pandas.DataFrame(mydataset)
print(myvar)
```

	cars	passings
0	BMW	3
1	Volvo	7
2	Ford	2

Major Use :

1. [Series](#): A Pandas Series is like a column in a table. It is a one-dimensional array holding data of any type.
2. [DataFrame](#)
3. [Read CSV](#)
4. [Read JSON](#)
5. [Cleaning Data](#)
6. [Correlatoin](#)
7. [Plotting](#) etc.

Documentation :

- * [WEB](#)
- * [PDF](#)