

ONE PAGE SUMMARY

PANDAS DATAFRAME.APPEND()

- **Append** function is used to add rows at the end of dataframe returning a new dataframe.
- **Syntax :**
DataFrame.append(other, ignore_index = **False**, sort = **False**)
- Lets understand the above syntax and It's Parameters :
 - i) **other** – It refers to dataframe, series or data which has to be appended.
 - ii) **ignore_index** – If user don't want index, put True, or else False.
 - iii) **sort** – If user want to look up the data by sorting than user can use sort parameter.

Let's see how it works in practically



Pandas DataFrame.append()

In [1]:

```
# Importing pandas library as pd
import pandas as pd
```

Example 1

In [3]:

```
# Creating first Dataframe using dictionary
data1 = pd.DataFrame({"name" : ["jim", "john", "paul", "smith"], "roll no" : [21,45,43,5]})

# Creating second DataFrame using dictionary
data2 = pd.DataFrame({"name" : ["aron", "michael", "prince"], "roll no" : [32,3,13], "marks" : [78,89,69]})

# appending data2 to data1, all the data will append at the end of data1
student = data1.append(data2, ignore_index = True)
student
```

Out[3]:

	name	roll no	marks
0	jim	21	NaN
1	john	45	NaN
2	paul	43	NaN
3	smith	5	NaN
4	aron	32	78.0
5	michael	3	89.0
6	prince	13	69.0