

Lab Ass 1

Date ____ / ____ / ____



Create a ~~def~~ dataframe object `df3` from a 2d dictionary having values as dictionary object.

→ import pandas as pd

		2013	2016	2017
	qtr1	12000	10000	15000
	qtr2	15000	14000	16000
2015a = {	qtr3	17000	16000	18000
	qtr4	19000	20000	21000

 'qtr1': 12000,
 'qtr2': 15000,
 'qtr3': 17000
 'qtr4': 19000 }

2016a = { 'qtr1': 10000, 'qtr2': 14000, 'qtr3': 16000, 'qtr4': 20000 }

2017a = { 'qtr1': 15000, 'qtr2': 16000, 'qtr3': 18000, 'qtr4': 21000 }

d = { 2015: 2015a, 2016: 2016a, 2017: 2017a }

df3 = pd.DataFrame(d)

df3

Lab Ass 8



Date ____/____/____

Q/ Create a Dataframe object from 2D numpy array df5

Capital n	first	First	Second	Third
	A	1.4	6.5	5.0
	B	8.5	9.0	2.0
	C	2.6	4.7	8.0

→ import pandas as pd
import numpy as np

```
narr = np.array([ [1.4, 6.5, 5.0],  
                  [8.5, 9.0, 2.0],  
                  [2.6, 4.7, 8.0] ])
```

```
df5 = pd.DataFrame(narr, columns=['First', 'Second', 'Third'],  
                   index=['A', 'B', 'C'])
```

df5