

### EXPERIMENT - 37

Aim: To execute program to create dataframe from dictionary and display it.

#### Pseudocode:

- 1) Import pandas library
- 2) Create a dictionary with the given sample data
- 3) Use pd.DataFrame() to create DF
- 4) Display the dataframe.

#### Sample Input:

Sample data of x, y, z values

#### Sample output:

	x	y	z
0	78	84	86
1	85	94	94
2	76	89	76
3	80	83	72
4	86	86	83

#### Result:

Therefore the program to create dataframe executed successfully.

query lab

File Edit View Insert Runtime Tools Help Last edited on 13 November

+ Code + Text

```
[ ] # Create a DataFrame from the dictionary
df = pd.DataFrame(data)

# Display the DataFrame
print(df)
```

	X	Y	Z
0	78	84	86
1	85	94	97
2	96	89	96
3	80	83	72
4	86	86	83

```
import pandas as pd
import numpy as np

# Sample data
exam_data = {
    'name': ['Anastasia', 'Dima', 'Katherine', 'James', 'Emily',
            'Michael', 'Matthew', 'Laura', 'Kevin', 'Jonas'],
    'score': [12.5, 9, 16.5, np.nan, 9, 20, 14.5, np.nan, 8, 19],
```

Type here to search

Wat... 9:05 AM 11/15/2024