

# Project On DataFrame Pandas

```
In [3]: import pandas as pd

# Firstly get the how many numbers of column are required
number_of_columns = int(input("enter ther number of columns : "))

columns = []

for i in range(number_of_columns):
    # Then add the column names in that column
    columns.append(input("enter the column name : "))

dct = {}

# Then how many student data store in the column
number_of_values_in_each_col = int(input("enter the number of values in each column : "))

for i in range(number_of_columns):

    lst = []

    for j in range(number_of_values_in_each_col):

        # Then store the each student data in the list
        lst.append(input(f"enter the value for column {columns[i]} : "))
    # After that store the list data into the dictionary
    dct[columns[i]] = lst

Data = pd.DataFrame(dct)
Data.to_csv("Students.csv")
print("Students_Details in csv file")
```

```
enter ther number of columns : 5
enter the column name : Sr No.
enter the column name : Name of student
enter the column name : PRN No.
enter the column name : Exam Seat No.
enter the column name : College Email ID
enter the number of values in each column : 5
enter the value for column Sr No. : 1
enter the value for column Sr No. : 2
enter the value for column Sr No. : 3
enter the value for column Sr No. : 4
enter the value for column Sr No. : 5
enter the value for column Name of student : Saurabh Palve
enter the value for column Name of student : Ashutosh Bhavsar
enter the value for column Name of student : Jayesh Andhale
enter the value for column Name of student : Omkar Dhore
enter the value for column Name of student : Rohit Shevate
enter the value for column PRN No. : 0120180068
enter the value for column PRN No. : 0120180065
enter the value for column PRN No. : 0120180064
enter the value for column PRN No. : 0120180078
enter the value for column PRN No. : 0120180080
enter the value for column Exam Seat No. : B213006
enter the value for column Exam Seat No. : B213007
enter the value for column Exam Seat No. : B213008
enter the value for column Exam Seat No. : B213009
enter the value for column Exam Seat No. : B213010
enter the value for column College Email ID : smpalve@mitaoe.ac.in
enter the value for column College Email ID : anbhavsar@mitaoe.ac.in
enter the value for column College Email ID : jsandhale@mitaoe.ac.in
enter the value for column College Email ID : omdhore@mitaoe.ac.in
enter the value for column College Email ID : rsshevate@mitaoe.ac.in
Students_Details in csv file
```

Sr No.	Name of student	PRN No.	Exam Seat No.	College Email ID
0	1 Saurabh Palve	120180068	B213006	smpalve@mitaoe.ac.in
1	2 Ashutosh Bhavsar	120180065	B213007	anbhavsar@mitaoe.ac.in
2	3 Jayesh Andhale	120180064	B213008	jsandhale@mitaoe.ac.in
3	4 Omkar Dhore	120180078	B213009	omdhore@mitaoe.ac.in
4	5 Rohit Shevate	120180080	B213010	rsshevate@mitaoe.ac.in