Lab Exercises

1. Consider the dataset Orders.csv.

    a. Display the frequency counts for different places of shipment

    b. Display the crosstab of frequency counts for places of shipment and payment terms.

2. Consider the dataset Yield.csv. Calculate the mean and standard deviation of Yield for every treatment

3. Given the files Items.csv, Orders.csv and Ord_Details.csv in the folder datasets, merge them with appropriate keys to form a combined data.

4. Combine the data in the files Courses.csv and CourseSchedule.csv with appropriate keys

5. Given the data Jobsalary.csv. Reshape the data in the following way and store the result in a data frame Jobresh:

	S_No	variable	value
1	1	Computer	84
2	2	Computer	90
3	3	Computer	63
4	4	Computer	84
5	5	Computer	63
6	6	Computer	75
7	7	Computer	94
8	8	Computer	77
9	1	Marketing	55
10	2	Marketing	53
11	3	Marketing	77
12	4	Marketing	50
13	5	Marketing	41
14	6	Marketing	54
15	7	Marketing	51
16	8	Marketing	64
17	1	Engineer	75
18	2	Engineer	70
19	3	Engineer	88
20	4	Engineer	77
21	5	Engineer	89
22	6	Engineer	85
23	7	Engineer	96
24	8	Engineer	105

6. Merge the data sets Lab_Keto17.csv and Lab_Uric with appropriate keys

7. Concatenate the data sets KolInsure.csv and NasInsure.csv

8. Merge the data sets Effects.csv and SideEffects.csv with appropriate keys. The resulting data should be containing all the column names distinct.(Consider using option suffixes=[‘ ’,’ ’])