

EXPERIMENT - 13

13) Create a complete Student Result Management workbook.

a) Create a new workbook with 3 sheets renamed as:

- a. *Student_Data*
- b. *Marks_Analysis*
- c. *Charts*

b) In *Student_Data*, enter a list of 15 students with: Name, Roll No, Class, City, Subject1, Subject2, Subject3.

- c) Use Flash Fill to split “Full Name” into “First Name” and “Last Name”.
- d) Use Find & Replace to replace city name “Delhii” with correct “Delhi”.
- e) Use IF function to calculate Pass/Fail (Pass = total \geq 120).
- f) Use COUNTIF to find how many students belong to “Delhi”.

Use AVERAGE, MAX, MIN to analyze marks in the *Marks_Analysis* sheet.

h) On the *Charts* sheet, create:

- i. A Bar Chart showing marks of any one subject.
- ii. A Pie Chart showing percentage of pass vs fail.

i) Apply Conditional Formatting to highlight marks < 40 in red.

J) Convert the table into a formatted Excel Table.

Ans-

SNo	Name	Roll No	Class	City	Subject1	Subject2	Subject3	Marks1	Marks2	Marks3	Total	Status
1	Aman Verma	101	10A	Dhoni	45	36	40					
2	Ritika Singh Roy	102	10A	Dhoni	30	35	40					
3	Hema Singh Nehru	103	10B	Dhoni	70	65	70					
4	Rahul Kuri Kuri	104	10A	Mumbai	52	48	48					
5	Priya Mehta Priya	105	10A	Dhoni	35	40	44					
6	Aditya Mehta Arjun	106	10A	Kolkata	40	38	42					
7	Shreya Kaushik	107	10B	Delhi	55	55	52					
8	Kader Khan Kader	108	10A	Delhi	25	30	32					
9	Tina Roy Tina	109	10B	Chennai	67	72	70					
10	Vikas Yadav Vikas	110	10A	Delhi	45	51	55					
11	Iraja Nasir Iraja	111	10B	Delhi	30	35	38					
12	Ankit Patel Ankit	112	10A	Ahmedabad	45	39	37					
13	Smriti Desai Shital	113	10A	Delhi	60	64	58					
14	Roham Jali Roshni	114	10A	Delhi	35	38	36					
15	Meena Gu Meena	115	10A	Delhi	77	74	79					

A1	Metric
1	Metric
2	Students from 10
3	Subject1 Aver 54.66666667
4	Subject1 Max 90
5	Subject1 Min 28
6	Subject2 Aver 55.46666667
7	Subject2 Max 85
8	Subject2 Min 30
9	Subject3 Aver 57.6
10	Subject3 Max 88
11	Subject3 Min 32
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Student_Data Marks_Analysis Charts

