

## 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-

Roll No	First Name	Last Name	Class	City	Subject 1	Subject 2	Subject 3	Total	Status
103 10A	Aman Ver	Aman	103 10A	Delhi	40	58	80	178	Pass
102 10A	Riya Singh	Riya	102 10A	Delhi	30	35	40	105	Fail
104 10A	Neha Shai	Neha	104 10A	Delhi	70	65	72	207	Pass
104 10A	Rahul Kun	Rahul	104 10A	Mumbai	52	48	66	166	Pass
105 10A	Priya Kesh	Priya	105 10A	Delhi	39	41	44	124	Fail
108 10A	Arjun Rao	Arjun	108 10A	Kolkata	60	78	82	220	Pass
107 10A	Sonam Ka	Sonam	107 10A	Delhi	55	56	62	173	Pass
105 10A	Kabir Khai	Kabir	105 10A	Delhi	25	50	32	107	Fail
109 10A	Tina Roy	Tina	109 10A	Chennai	67	72	70	209	Pass
110 10A	Vikas Yadi	Vikas	110 10A	Delhi	45	51	55	151	Fail
111 10A	Pooja Rao	Pooja	111 10A	Delhi	90	85	88	263	Pass
112 10A	Ankit Pate	Ankit	112 10A	Ahmedabad	40	39	37	116	Fail
113 10A	Sneha Dasi	Sneha	113 10A	Delhi	60	64	59	183	Pass
114 10A	Rohan Jai	Rohan	114 10A	Delhi	35	34	36	105	Fail
115 10A	Meena Di	Meena	115 10A	Delhi	77	74	79	230	Pass

A1 Metric													
	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Metric	Value											
2	Students from	10											
3	Subject1 Aven	54.66666667											
4	Subject1 Max	90											
5	Subject1 Min	28											
6	Subject2 Aven	55.46666667											
7	Subject2 Max	85											
8	Subject2 Min	30											
9	Subject3 Aven	57.6											
10	Subject3 Max	88											
11	Subject3 Min	32											
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Student\_Data Marks\_Analysis Charts

