

## **PRACTICAL NO 13**

### **Create a Complete Student Result Management Workbook**

**Aim:** Create a Complete Student Result Management Workbook

a) Create a new workbook with 3 sheets

Open MS Excel

Create a New Workbook

Rename the sheets as:

Student Data

Marks Analysis

Charts

b) Enter Student Data (Student Data Sheet)

c) Use Flash Fill (Split Full Name)

Insert two new columns:

First Name

Last Name

In First Name column, type:

Rahul

In Last Name column, type:

Sharma

Select both cells → Data Tab → Flash Fill

Excel automatically splits all names

d) Use Find & Replace (Correct City Name)

Press Ctrl + H

Find what: Delhii

Replace with: Delhi

Click Replace All

All wrong city names corrected.

e) Use IF Function for Pass/Fail

In Marks Analysis Sheet

Columns

Total Formula (Cell E2)

Excel

=B2+C2+D2

Pass / Fail Formula (Cell F2)

Excel

=IF(E2>=120,"Pass","Fail")

f) Use COUNTIF to Count Students from Delhi

Formula (Anywhere in Marks Analysis Sheet)

Excel

=COUNTIF(Student\_Data!D2:D16,"Delhi")

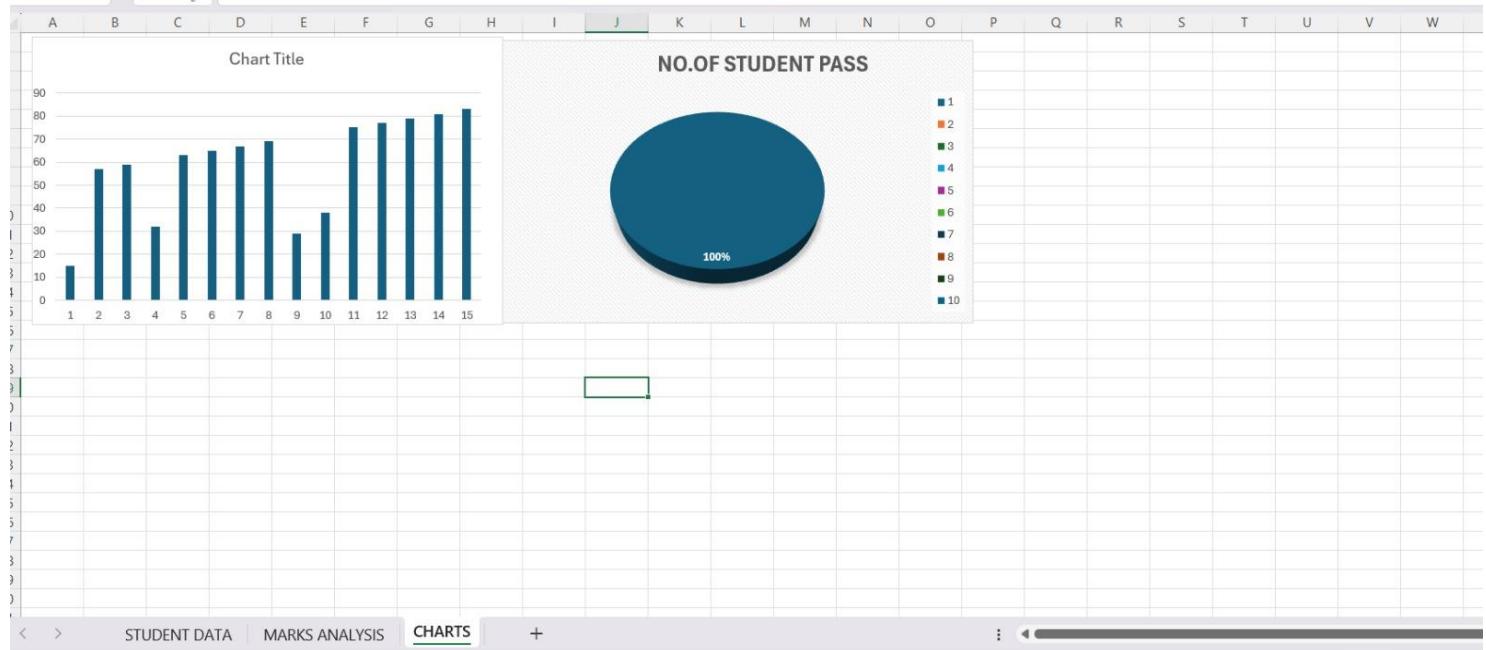
This gives total number of students belonging to Delhi.

# Data Table:

FULL NAME	FIRST NAME	LAST NAME	CLASS	ROLL NO.	STATE	ENG-MARKS	PHY-MARKS	MATHS-MARKS	TOTAL	AVERAGE	RESULT	NO.OF STUDENT PASS	NO.OF STUDENT FAIL	CLASS AVG(OVERALL)	MAX	MIN
SHIVAM RAJ SHIVAM	RAJ		9	1	BIHAR	19	45	43	103	34	FAIL	7	8	58	227	103
RAHUL PAHARI RAHUL	PAHARIYA		9	2	BHOPAL	57	47	46	150	50	PASS					
RAUNAK BHAR RAJNAK	BHARDWAJ		9	3	SRI NAGAR	59	49	49	157	52	PASS					
ADITYA SINGH ADITYA	SINGH		9	4	GOA	32	51	52	135	45	FAIL					
NITISH RAJAK NITISH	RAJAK		9	5	CHHATISGARH	63	53	55	171	57	PASS					
AMIT MANDAL AMIT	MANDAL		9	6	JHARKHAND	65	55	22	142	47	FAIL					
SHIVAM KUMAR SHIVAM	KUMAR		9	7	BIHAR	67	33	61	161	54	FAIL					
RAJA SINGH RAJA	SINGH		9	8	MUMBAI	69	59	64	192	64	PASS					
RANJIT SINGH RANJIT	SINGH		9	9	UTTARAKHAND	29	61	67	157	52	FAIL					
RAJMANI SINGH RAJMANI	SINGH		9	10	SIKKIM	38	63	70	171	57	FAIL					
RODHA KUMAR KUMAR	KUMAR		9	11	LEHUNG	75	65	73	213	71	PASS					
ANAND KUMAR ANAND	KUMAR		9	12	JAMMU & KASH	77	67	76	220	75	PASS					
AKASH MAHAT AKASH	MAHATO		9	13	GUJARAT	78	69	79	226	76	PASS					
ANKIT RAO ANKIT	RAO		9	14	HARYANA	81	31	82	194	65	FAIL					
SHURYAROY SHURYA	ROY		9	15	UTTARPRADESH	83	38	85	206	68	FAIL					

STUDENT DATA MARKS ANALYSIS CHARTS +

## Pie Charts & Bar Charts



STUDENT DATA MARKS ANALYSIS CHARTS +