HR Attrition Analysis By Prem Mandal

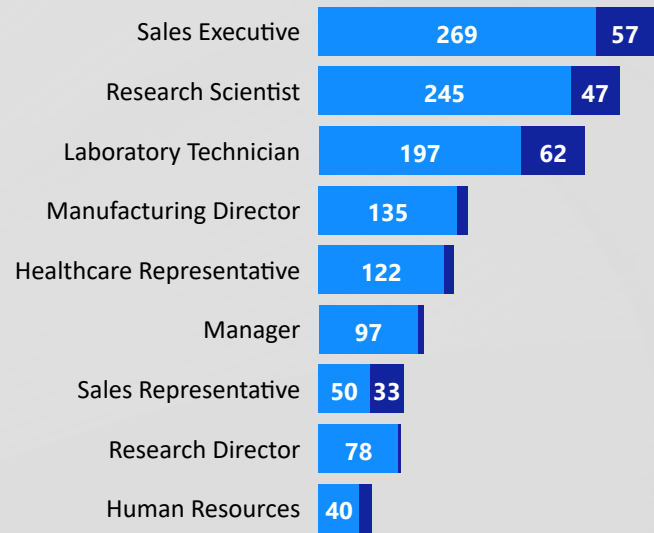| 1470	1233	237	150	87	36.92	16.1%
Total employee	Active employee	Total Attrition	Male Attrition	Female Attrition	Average of Age	Attrition rate

Employee Attrition by Department

Attrition ● No ● Yes

Department	No	Yes
Research & Development	828	133
Sales	354	92
Human Resources		
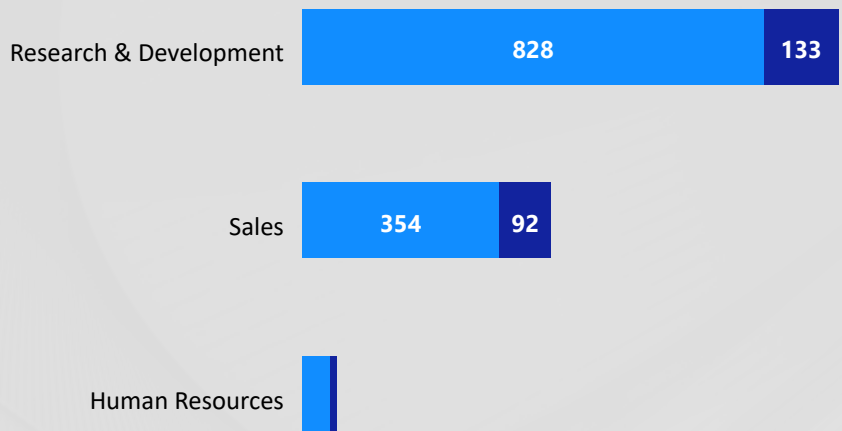
Employee Attrition by Gender

Attrition ● No ● Yes

Gender	No	Yes
Male	732	150
Female	501	87
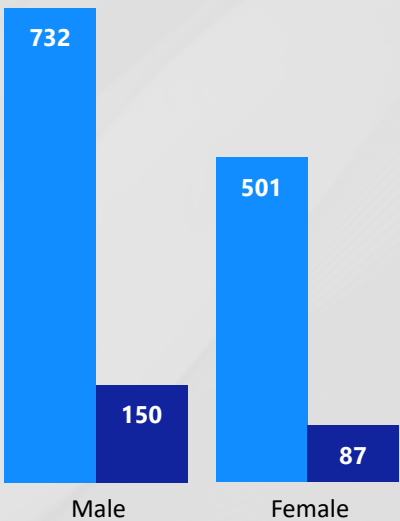
Employee Attrition by JobRole

Attrition ● No ● Yes

JobRole	No	Yes
Sales Executive	269	57
Research Scientist	245	47
Laboratory Technician	197	62
Manufacturing Director	135	
Healthcare Representative	122	
Manager	97	
Sales Representative	50	33
Research Director	78	
Human Resources	40	

Employee Attrition by Education Field

Attrition ● No ● Yes

Education Field	No	Yes
Life Sciences	517	89
Medical	401	63
Marketing	124	35
Technical Deg...	100	32
Other	71	
Human Resou...		
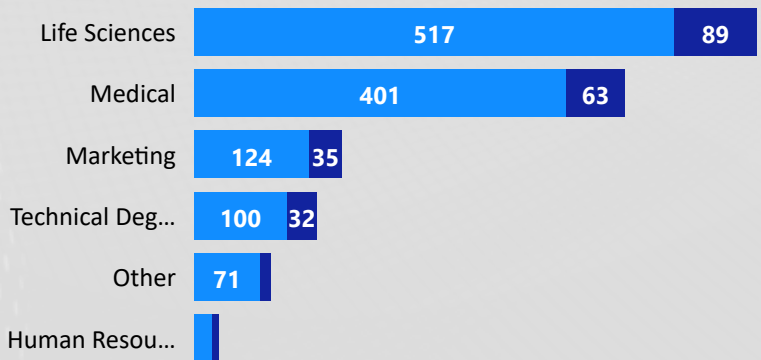
Employee Attrition by JobLevel

Attrition ● No ● Yes
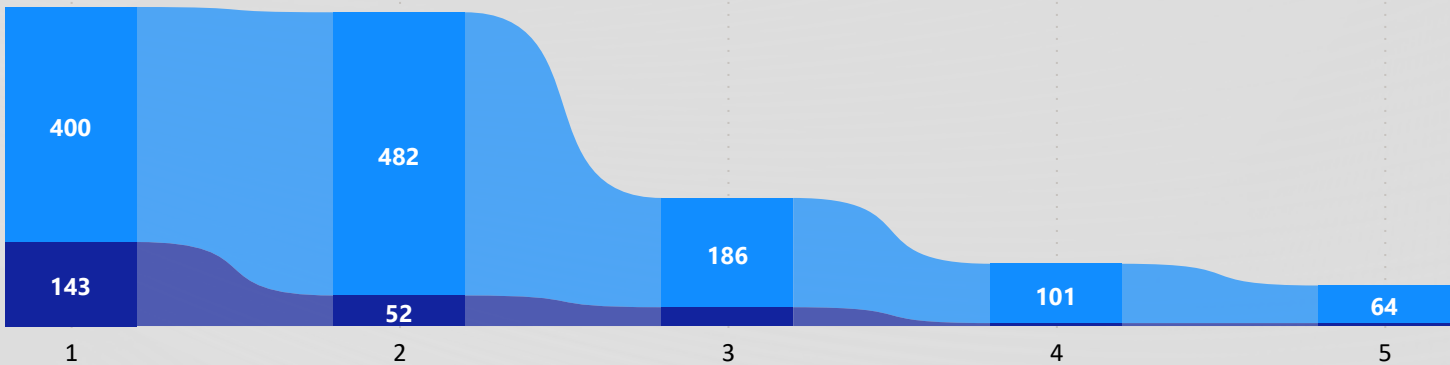
JobLevel	No	Yes
1	400	143
2	482	52
3	186	
4	101	
5	64	

HR Attrition Analysis By Prem Mandal

1470	**1233**	**237**	**150**	**87**	**36.92**	**16.1%**
Total Employee	Active employee	Total Attrition	Male Attrition	Female Attrition	Average Age	Attrition rate

Age Vs Over Time

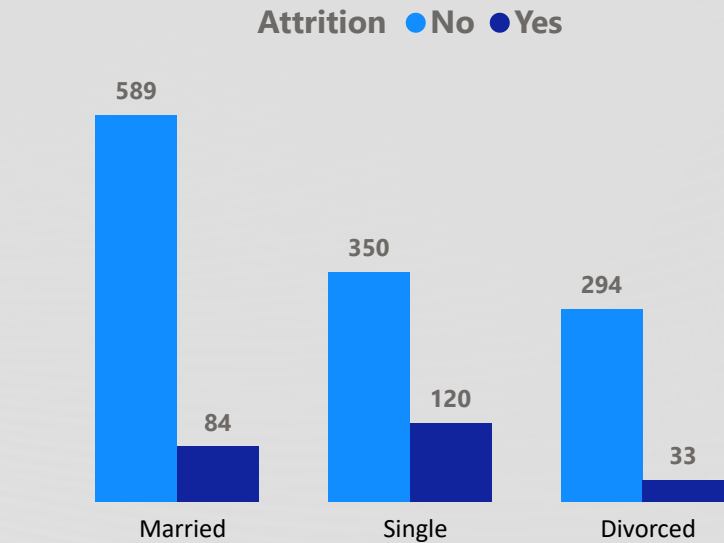Attrition ● No ● Yes
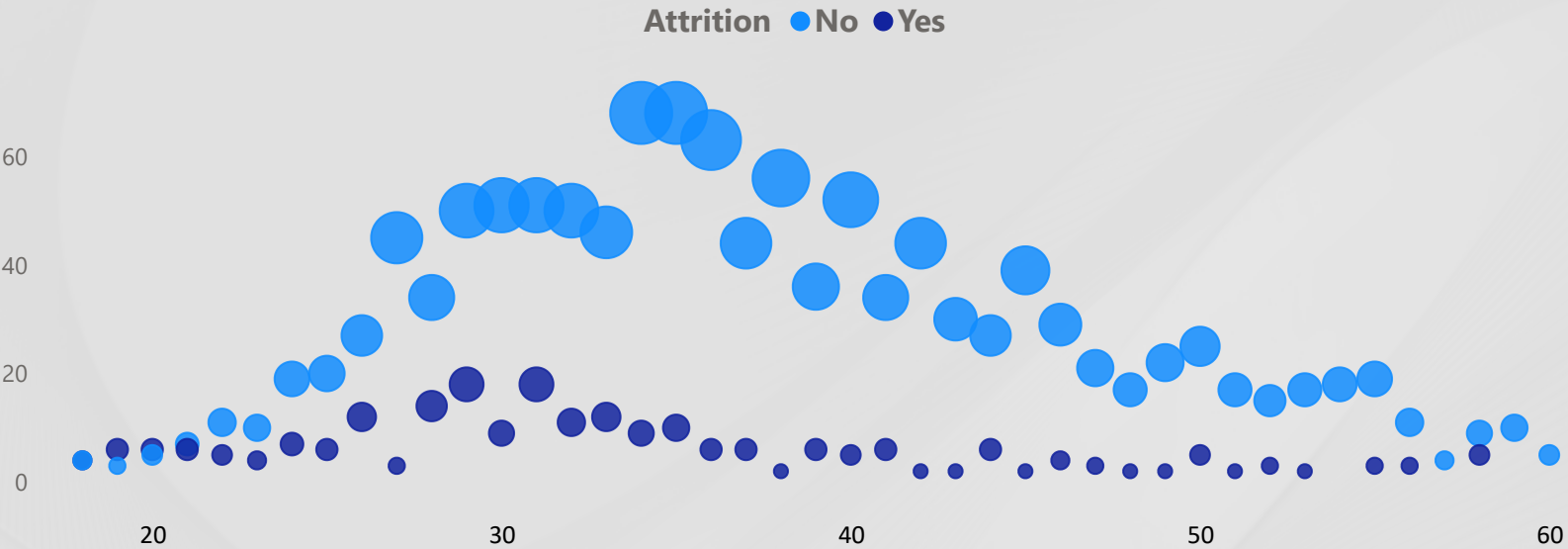
Attrition by Business Travel

● Travel_Rarely ● Travel_Frequently ● Non-Travel

12 (5%)
69 (29%)
156 (66%)
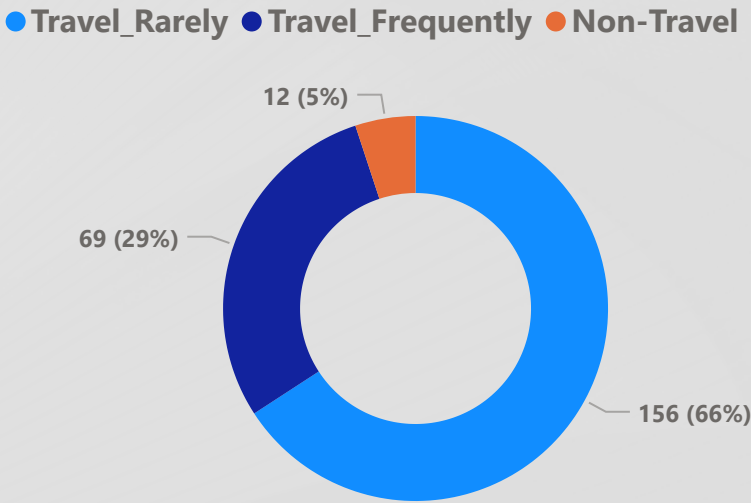
Attrition Analysis

○ Attrition ✕	○ Gender ✕	○ Department ✕
Yes	Male	

Total Employee 237
Yes 237
Male 150
Female 87
Research & Developm... 90
Sales 54
Human Resources 6
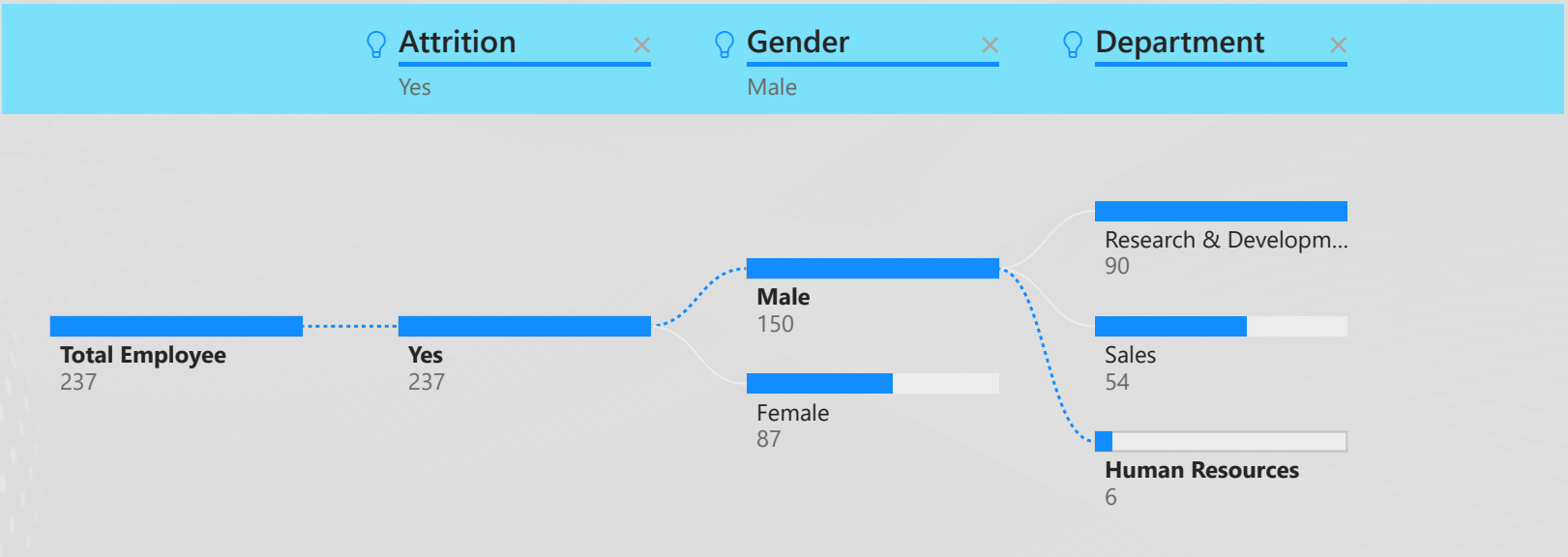
Attrition by Marital Status

Attrition ● No ● Yes

	Married	Single	Divorced
No	589	350	294
Yes	84	120	33

HR Attrition Analysis By Prem Mandal

1470	1233	237	150	87	36.92	16.1%
Total employee	Active employee	Total Attrition	Male Attrition	Female Attrition	Average of Age	Attrition rate

Attrition by DistanceFromHome

Gender ● Female ● Male
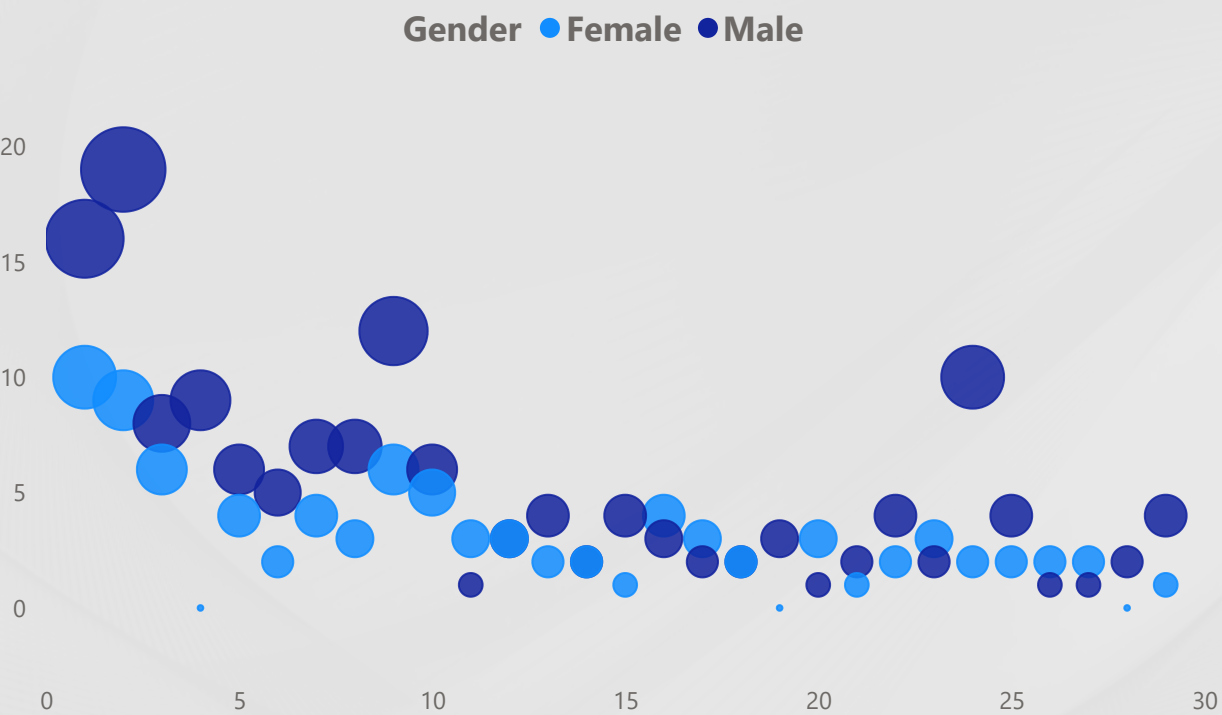
Attrition by Education Level

Gender ● Female ● Male
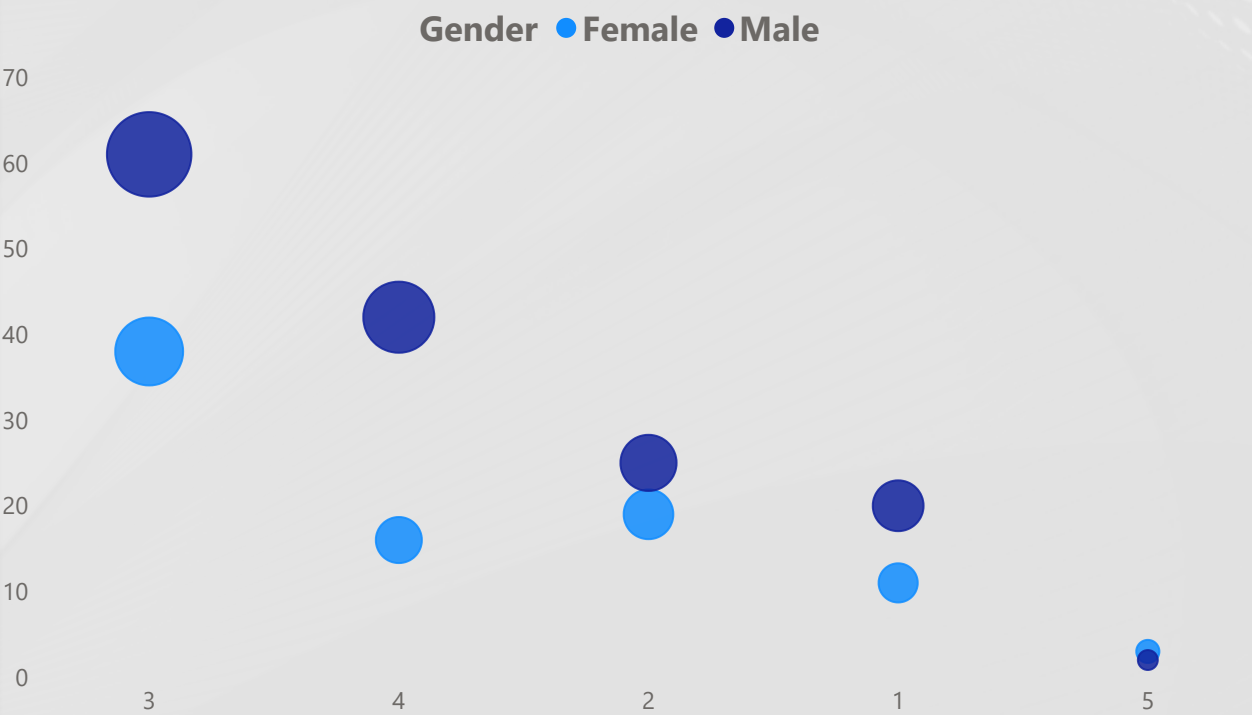
No. of Company worked by Education field

Education field	Value
Life Sciences	1621
Medical	1292
Marketing	407
Technical Degree	341
Other	210
Human Resources	88

DailyRate Vs OverTime

No	Yes
71.49%	28.51%