

Hiring Process Analytics

Hiring: How many males and females are Hired

1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary
3	907518	06-05-2014 08:08	Hired		Service Department	c5	22075
5	429799	02-05-2014 16:28	Rejected		Operations Department	i4	3207
10	751029	02-05-2014 13:09	Hired		Service Department	i4	15156
11	434547	02-05-2014 13:11	Rejected		Service Department	i4	49515
13	649039	07-05-2014 10:48	Hired		Service Department	b9	200000
16	191009	09-05-2014 12:48	Hired		Service Department	i7	56688
20	513166	01-05-2014 22:53	Hired		Operations Department	i1	73579
22	47857	01-05-2014 22:55	Rejected		Operations Department	i1	38462
25	891568	01-05-2014 16:28	Hired		Operations Department	i7	3423
27	780839	10-05-2014 14:18	Hired		Service Department	i1	70979
39	955372	02-05-2014 09:16	Rejected		Sales Department	b9	85176
43	847880	09-05-2014 15:43	Hired		Service Department	m6	800
49	37073	05-05-2014 19:37	Hired		Purchase Department	i7	51645
52	116456	05-05-2014 15:44	Hired		Finance Department	c5	52285
53	798741	05-05-2014 15:45	Rejected		Finance Department	c5	2013
57	487441	10-05-2014 17:34	Hired		Operations Department	i4	12624
60	249045	06-05-2014 13:26	Rejected		Finance Department	c5	9009
61	563405	06-05-2014 13:28	Rejected		Finance Department	c5	40831
62	810490	06-05-2014 13:30	Rejected		Finance Department	c5	85140
63	296052	29-05-2014 14:43	Hired	Female	Finance Department	c5	1141

Filtering event_name column by female gender. This also clears out the missing value

	A	B	C	D	E	F	G
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary
3	907518	Sort A to Z		Female	Service Department	c5	22075
5	429799	Sort Z to A		Female	Operations Department	i4	3207
10	751029	Sort by Color		Female	Service Department	i4	15156
11	434547			Female	Service Department	i4	49515
13	649039	Clear Filter From "Status"		Female	Service Department	b9	200000
16	191009	Filter by Color		Female	Service Department	i7	56688
20	513166	Text Filters		Female	Operations Department	i1	73579
22	47857	Search		Female	Operations Department	i1	38462
25	891568			Female	Operations Department	i7	3423
27	780839	(Select All)		Female	Service Department	i1	70979
39	955372	Hired		Female	Sales Department	b9	85176
43	847880	Rejected		Female	Service Department	m6	800
49	37073			Female	Purchase Department	i7	51645
52	116456			Female	Finance Department	c5	52285
53	798741			Female	Finance Department	c5	2013
57	487441			Female	Operations Department	i4	12624
60	249045			Female	Finance Department	c5	9009
61	563405			Female	Finance Department	c5	40831
62	810490			Female	Finance Department	c5	85140
63	296052	29-05-2014 14:43	Hired	Female	Finance Department	c5	1141
64	964704	29-05-2014 14:44	Hired	Female	Finance Department	c5	39485

Now selecting the female who got hired by filtering the status column and putting the filter hired

	A	B	C	D	E	F	G
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156
13	649039	07-05-2014 10:48	Hired	Female	Service Department	b9	200000
16	191009	09-05-2014 12:48	Hired	Female	Service Department	i7	56688
20	513166	01-05-2014 22:53	Hired	Female	Operations Department	i1	73579
25	891568	01-05-2014 16:28	Hired	Female	Operations Department	i7	3423
27	780839	10-05-2014 14:18	Hired	Female	Service Department	i1	70979
43	847880	09-05-2014 15:43	Hired	Female	Service Department	m6	800
49	37073	05-05-2014 19:37	Hired	Female	Purchase Department	i7	51645
52	116456	05-05-2014 15:44	Hired	Female	Finance Department	c5	52285
57	487441	10-05-2014 17:34	Hired	Female	Operations Department	i4	12624
63	296052	29-05-2014 14:43	Hired	Female	Finance Department	c5	1141
64	964704	29-05-2014 14:44	Hired	Female	Finance Department	c5	39485
66	288171	06-05-2014 15:37	Hired	Female	Marketing Department	i4	33631
75	379557	07-05-2014 15:34	Hired	Female	Production Department	i4	61532
88	37906	08-05-2014 03:16	Hired	Female	Sales Department	i4	95603
96	566403	09-05-2014 15:05	Hired	Female	Operations Department	c5	85201
100	455073	09-05-2014 13:53	Hired	Female	Service Department	i4	60370
102	611809	09-05-2014 17:31	Hired	Female	Operations Department	i4	28473
109	458216	12-05-2014 08:27	Hired	Female	Operations Department	i6	67976
115	114169	13-05-2014 18:41	Hired	Female	Marketing Department	i1	42946
117	576340	13-05-2014 09:18	Hired	Female	Operations Department	i7	55469
119	305032	13-05-2014 09:19	Hired	Female	Operations Department	i7	90807
149	881891	15-05-2014 13:51	Hired	Female	Sales Department	i5	41895
154	966786	16-05-2014 09:55	Hired	Female	Service Department	i4	13718
161	482656	29-05-2014 09:19	Hired	Female	Production Department	i7	97814
170	641336	18-05-2014 17:53	Hired	Female	Operations Department	i6	22267

The count at the bottom shows 1856 females found who got hired.

	A	B	C	D	E	F	G
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914
14	199526	07-05-2014 10:50	Hired	Male	Service Department	b9	86787
15	539803	15-05-2014 09:31	Hired	Male	Finance Department	b9	2308
18	51318	02-05-2014 08:07	Hired	Male	Service Department	i5	15134
29	202821	01-05-2014 16:01	Hired	Male	Operations Department	i6	52176
35	692533	02-05-2014 18:23	Hired	Male	Service Department	c5	72843
56	94068	10-05-2014 17:34	Hired	Male	Operations Department	i4	67434
86	453498	08-05-2014 03:12	Hired	Male	Sales Department	i4	62937
89	692080	08-05-2014 03:16	Hired	Male	Sales Department	i4	79230
94	860311	08-05-2014 07:59	Hired	Male	Purchase Department	i5	14781
114	272804	13-05-2014 18:41	Hired	Male	Marketing Department	i1	28445
123	26472	13-05-2014 19:57	Hired	Male	Purchase Department	i6	43261
145	382645	15-05-2014 09:57	Hired	Male	Service Department	c-10	65587
146	767003	15-05-2014 10:01	Hired	Male	Service Department	c-10	73396
153	824221	16-05-2014 09:55	Hired	Male	Service Department	i4	17815
157	381072	16-05-2014 16:50	Hired	Male	Operations Department	i4	67685
158	664109	16-05-2014 16:54	Hired	Male	Operations Department	i4	42782
164	225116	16-05-2014 17:41	Hired	Male	Operations Department	i1	25711
175	40385	19-05-2014 14:28	Hired	Male	Operations Department	i4	1986
182	838911	20-05-2014 17:03	Hired	Male	General Management	c-10	98822
185	350612	20-05-2014 19:45	Hired	Male	Service Department	b9	56549
191	118533	20-05-2014 16:05	Hired	Male	Purchase Department	i4	68969
205	337880	21-05-2014 04:03	Hired	Male	Operations Department	c5	50520
206	806305	21-05-2014 12:46	Hired	Male	Operations Department	i7	97253
216	797115	22-05-2014 18:15	Hired	Male	Sales Department	i5	21768

Sheet1



Ready 2563 of 7168 records found

Average: 199

The count at the bottom shows 2563 males found who got hired.

16			X	✓	f _x	=COUNTIFS(C:C,"Hired",D:D,"Female")
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	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		=COUNTIFS(C:C,"Hired",D:D,"Female")
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		
11	434547	02-05-2014 13:11	Rejected	Female	Service Department	i4	49515		
12	518854	01-05-2014 09:00	Rejected	Male	Service Department	n10	26990		
13	649039	07-05-2014 10:48	Hired	Female	Service Department	b9	200000		
14	199526	07-05-2014 10:50	Hired	Male	Service Department	b9	86787		
15	539803	15-05-2014 09:31	Hired	Male	Finance Department	b9	2308		
16	191009	09-05-2014 12:48	Hired	Female	Service Department	i7	56688		
17	195323	09-05-2014 12:48	Hired	-	Service Department	i7	81757		
18	51318	02-05-2014 08:07	Hired	Male	Service Department	i5	15134		
19	742283	02-05-2014 08:11	Rejected	-	Service Department	i5	100		
20	513166	01-05-2014 22:53	Hired	Female	Operations Department	i1	73579		
21	791372	01-05-2014 22:54	Rejected	Male	Operations Department	i1	50351		
22	47857	01-05-2014 22:55	Rejected	Female	Operations Department	i1	38462		

We can also use this formula of COUNTIFS for hired female

I6

=COUNTIFS(C:C,"Hired",D:D,"Female")

	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		1856
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		
11	434547	02-05-2014 13:11	Rejected	Female	Service Department	i4	49515		
12	518854	01-05-2014 09:00	Rejected	Male	Service Department	n10	26990		
13	649039	07-05-2014 10:48	Hired	Female	Service Department	b9	200000		
14	199526	07-05-2014 10:50	Hired	Male	Service Department	b9	86787		
15	539803	15-05-2014 09:31	Hired	Male	Finance Department	b9	2308		
16	191009	09-05-2014 12:48	Hired	Female	Service Department	i7	56688		
17	195323	09-05-2014 12:48	Hired	-	Service Department	i7	81757		
18	51318	02-05-2014 08:07	Hired	Male	Service Department	i5	15134		
19	742283	02-05-2014 08:11	Rejected	-	Service Department	i5	100		
20	513166	01-05-2014 22:53	Hired	Female	Operations Department	i1	73579		
21	791372	01-05-2014 22:54	Rejected	Male	Operations Department	i1	50351		

hired female = 1856

SUM

=COUNTIFS(C:C,"Hired",D:D,"male")

	A	B	COUNTIFS(criteria_range1, criteria1, [criteria_range2, criteria2], [criteria_range3, ...])			F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		=COUNTIFS(C:C,"Hired",D:D,"male")
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		
11	434547	02-05-2014 13:11	Rejected	Female	Service Department	i4	49515		
12	518854	01-05-2014 09:00	Rejected	Male	Service Department	n10	26990		
13	649039	07-05-2014 10:48	Hired	Female	Service Department	b9	200000		
14	199526	07-05-2014 10:50	Hired	Male	Service Department	b9	86787		
15	539803	15-05-2014 09:31	Hired	Male	Finance Department	b9	2308		
16	191009	09-05-2014 12:48	Hired	Female	Service Department	i7	56688		
17	195323	09-05-2014 12:48	Hired	-	Service Department	i7	81757		
18	51318	02-05-2014 08:07	Hired	Male	Service Department	i5	15134		
19	742283	02-05-2014 08:11	Rejected	-	Service Department	i5	100		
20	513166	01-05-2014 22:53	Hired	Female	Operations Department	i1	73579		

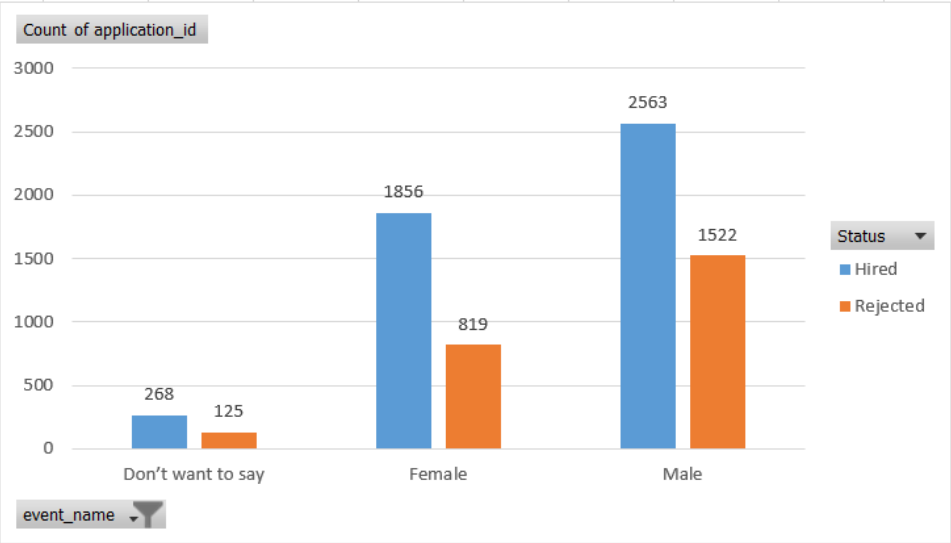
I6

=COUNTIFS(C:C,"Hired",D:D,"male")

	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		2563
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		
11	434547	02-05-2014 13:11	Rejected	Female	Service Department	i4	49515		
12	518854	01-05-2014 09:00	Rejected	Male	Service Department	n10	26990		
13	649039	07-05-2014 10:48	Hired	Female	Service Department	b9	200000		
14	199526	07-05-2014 10:50	Hired	Male	Service Department	b9	86787		
15	539803	15-05-2014 09:31	Hired	Male	Finance Department	b9	2308		
16	191009	09-05-2014 12:48	Hired	Female	Service Department	i7	56688		
17	195323	09-05-2014 12:48	Hired	-	Service Department	i7	81757		
18	51318	02-05-2014 08:07	Hired	Male	Service Department	i5	15134		
19	742283	02-05-2014 08:11	Rejected	-	Service Department	i5	100		

hired male = 2563

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
28																		
29																		
30																		
31																		
32	Count of application_id			Column Labels														
33																		
34	Don't want to say	268	125	393														
35	Female	1856	819	2675														
36	Male	2563	1522	4085														
37	Grand Total	4687	2466	7153														
38																		
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51																		
52																		
53																		



PivotChart Fields

Choose fields to add to report: ⚙️

🔍

☐ application_id

☐ Interview Taken on

☐ Status

☐ event_name

☒ Department

☐ Post Name

☒ Offered Salary

Drag fields between areas below:

🔍 FILTERS

📊 LEGEND (S...

📑 AXIS (CAT...

Departm... ▾

📈 VALUES

Average o... ▾

WE CAN ALSO COUNT FEMALES AND MALES HIRED AND REJECTED THROUGH THE PIVOT TABLE AND PLOT IN THE BAR GRAPH

Average Salary: What is the average salary offered for a select group of employees

	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		=SUMIFS(G:G,C:C,"Hired",E:E,"Service Department")
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		

	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		67331965
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		

I10 \times \checkmark f_x =COUNTIFS(C:C,"Hired",E:E,"Service Department")

	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		=COUNTIFS(C:C,"Hired",E:E,"Service Department")
11	434547	02-05-2014 13:11	Rejected	Female	Service Department	i4	49515		
12	518854	01-05-2014 09:00	Rejected	Male	Service Department	n10	26990		

I10 \times \checkmark f_x =COUNTIFS(C:C,"Hired",E:E,"Service Department")

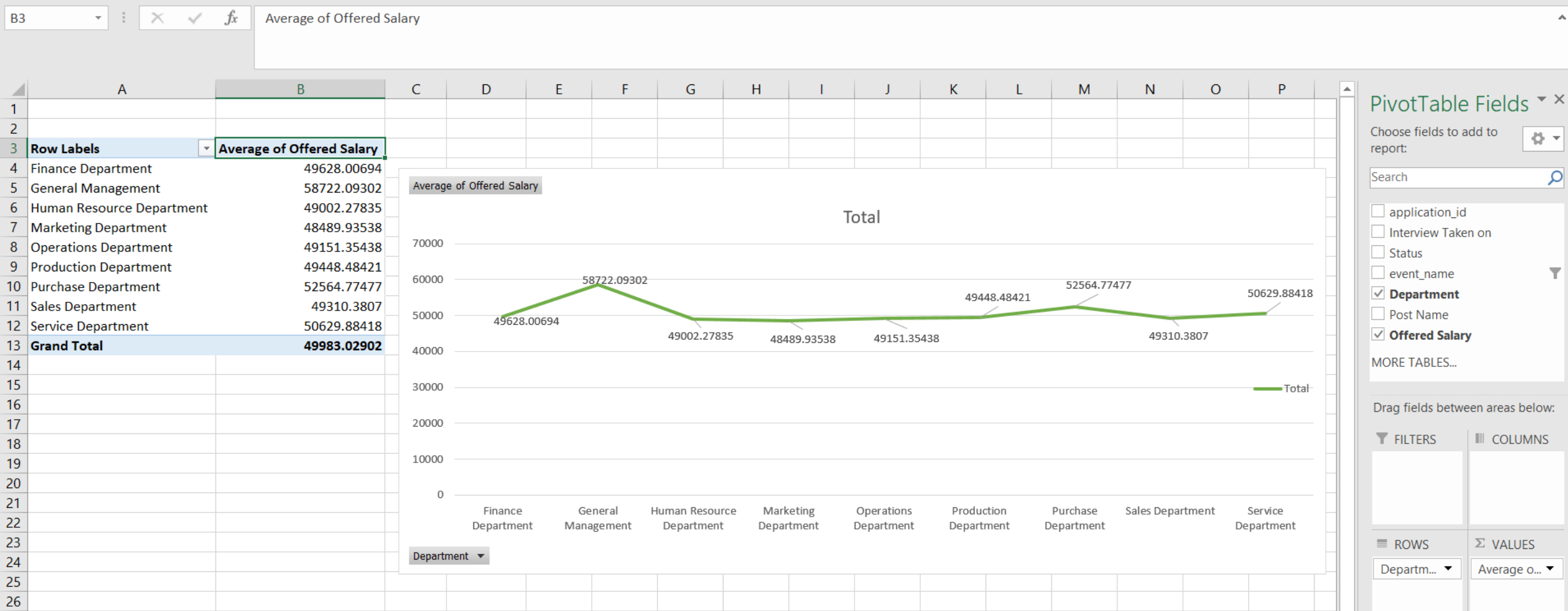
	A	B	C	D	E	F	G	H	I
1	application_id	Interview Taken on	Status	event_name	Department	Post Name	Offered Salary		
2	383422	01-05-2014 11:40	Hired	Male	Service Department	c8	56553		
3	907518	06-05-2014 08:08	Hired	Female	Service Department	c5	22075		
4	176719	06-05-2014 08:08	Rejected	Male	Service Department	c5	70069		
5	429799	02-05-2014 16:28	Rejected	Female	Operations Department	i4	3207		
6	253651	02-05-2014 16:32	Hired	Male	Operations Department	i4	29668		
7	289907	01-05-2014 07:44	Hired	Male	Sales Department	-	85914		
8	959124	06-05-2014 16:27	Rejected	Male	Sales Department	i7	69904		
9	86642	09-05-2014 13:17	Rejected	Male	Sales Department	i7	11758		
10	751029	02-05-2014 13:09	Hired	Female	Service Department	i4	15156		1332
11	434547	02-05-2014 13:11	Rejected	Female	Service Department	i4	49515		
12	518854	01-05-2014 09:00	Rejected	Male	Service Department	n10	26990		

=67331965/1332

50549.52327

AVERAGE SALARY FOR SERVICE DEPARTMENT PEOPLE WHO GOT HIRED

=50549.52327



PivotTable Fields

Choose fields to add to report:

Search

- ☐ application_id
- ☐ Interview Taken on
- ☐ Status
- ☐ event_name

☒ Department

☐ Post Name

☒ Offered Salary

MORE TABLES...

Drag fields between areas below:

FILTERS

COLUMNS

ROWS

VALUES

Departm...

Average o...

AVERAGE SALARY DEPARTMENT-WISE AND OVERALL

O40

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
19																
20																
21																
22																
23																
24	Average of Offered Salary			Column Labels												
25	Row Labels	Hired	Grand Total													
26	Service Department	50549.52327	50549.52327													
27	Grand Total	50549.52327	50549.52327													
28																
29																
30																
31																
32																
33																
34																
35																

Average of Offered Salary

AVG OF DEPT-WISE SALARY

60000

50549.52327

50000

40000

30000

20000

10000

0

Service Department

Department

Status

Hired

ONLY SERVICE DEPARTMENT AVERAGE IS 50549.52327

Class Intervals: The class interval is the difference between the upper-class limit and the lower class limit. Draw the class intervals for salary in the company

M1										
SAMPLE_LIST										
	E	F	G	H	I	J	K	L	M	N
1	Department	Post Name	Offered Salary						SAMPLE_LIST	
2	Service Department	c8	56553						1	
3	Service Department	c5	22075						1	
4	Service Department	c5	70069						1	
5	Operations Department	i4	3207		Upper limit = Sample mean + Z-score * Standard deviation of sample / SQRT(s)				1	
6	Operations Department	i4	29668		Lower limit = Sample mean - Z-score * Standard deviation of sample / SQRT(s)				1	
7	Sales Department	-	85914						1	
8	Sales Department	i7	69904						1	
9	Sales Department	i7	11758						1	
10	Service Department	i4	15156						1	
11	Service Department	i4	49515						1	
12	Service Department	n10	26990						1	
13	Service Department	b9	200000						1	
14	Service Department	b9	86787						1	
15	Finance Department	b9	2308						1	
16	Service Department	i7	56688						1	
17	Service Department	i7	81757						1	
18	Service Department	i5	15134						1	
19	Service Department	i5	100						1	
20	Operations Department	i1	73579						1	
21	Operations Department	i1	50351						1	
22	Operations Department	i1	38462						1	
23	Operations Department	i1	82510						1	
24	Service Department	i6	52554						1	
25	Operations Department	i7	3423						1	
26	Service Department	i1	88744						1	
27	Service Department	i1	70979						1	
28	Operations Department	i6	99574						1	

CREATING SAMPLE LIST WITH 72 SAMPLES WITH 100 DATA POINT EACH

	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Department	Post Name	Offered Salary						SAMPLE_LIST		BUCKET	SAMPLE AVERAGE	
2	Service Department	c8	56553						1		1	52317.60204	
3	Service Department	c5	22075						1		2	49918.64	
4	Service Department	c5	70069						1		3	51335.55	
5	Operations Department	i4	3207		Upper limit = Sample mean + Z-score * Standard deviation of sample / SQRT(s)				1		4	48601.88	
6	Operations Department	i4	29668		Lower limit = Sample mean - Z-score * Standard deviation of sample / SQRT(s)				1		5	51097.83	
7	Sales Department	-	85914						1		6	48760.47	
8	Sales Department	i7	69904						1		7	52679.08	
9	Sales Department	i7	11758						1		8	40395.58	
10	Service Department	i4	15156						1		9	48645.33	
11	Service Department	i4	49515						1		10	51866.79	
12	Service Department	n10	26990						1		11	52317.92	
13	Service Department	b9	200000						1		12	49169.67	
14	Service Department	b9	86787						1		13	49548.03	
15	Finance Department	b9	2308						1		14	49696.05	
16	Service Department	i7	56688						1		15	50040.84	
17	Service Department	i7	81757						1		16	51010.5	
18	Service Department	i5	15134						1		17	52719.23	
19	Service Department	i5	100						1		18	51732.75	
20	Operations Department	i1	73579						1		19	50179.99	
21	Operations Department	i1	50351						1		20	47805.67	
22	Operations Department	i1	38462						1		21	49422.52	
23	Operations Department	i1	82510						1		22	49305.9	
24	Service Department	i6	52554						1		23	49957.22	
25	Operations Department	i7	3423						1		24	52773.35	
26	Service Department	i1	88744						1		25	54540.2	

Upper limit = Sample mean + Z-score * Standard deviation of sample / SQRT(s)
Lower limit = Sample mean - Z-score * Standard deviation of sample / SQRT(s)

Q2

Q2 ⌵ ⋮ ✕ ✓ f_x

	F	G	H	I	J	K	L	M	N	O	P	Q
1	Post Name	Offered Salary						SAMPLE_LIST		BUCKET	SAMPLE AVERAGE	ST_DEV
2	c8	56553						1		1	52317.64	32554.13
3	c5	22075						1		2	49918.64	28963.45
4	c5	70069						1		3	51335.55	44786.69
5	i4	3207						1		4	48601.88	26686.81
6	i4	29668						1		5	51097.83	26799.33
7	-	85914						1		6	48760.47	
8	i7	69904						1		7	52679.08	
9	i7	11758						1		8	40395.58	
10	i4	15156						1		9	48645.33	
11	i4	49515						1		10	51866.79	
12	n10	26990						1		11	52317.92	
13	b9	200000						1		12	49169.67	
14	b9	86787						1		13	40548.02	

STANDARD DEVIATION FOR BUCKET 1

	F	G	H	I	J	K	L	M	N	O	P	Q	R
1	Post Name	Offered Salary						SAMPLE_LIST		BUCKET	SAMPLE AVERAGE	ST_DEV	Z SCORE
2	c8	56553						1		1	52317.60204	32554.13	0.130103
3	c5	22075						1		2	49918.64	28963.45	-0.92899
4	c5	70069						1		3	51335.55	44786.69	0.545289
5	i4	3207		Upper limit = Sample mean + Z-score * Standard deviation of sample / SQRT(s)				1		4	48601.88	26686.81	-1.50858
6	i4	29668		Lower limit = Sample mean - Z-score * Standard deviation of sample / SQRT(s)				1		5	51097.83	26799.33	-0.69575
7	-	85914						1		6	48760.47		1.032016
8	i7	69904						1		7	52679.08		0.54022
9	i7	11758						1		8	40395.58		-1.24591
10	i4	15156						1		9	48645.33		-1.14153
11	i4	49515						1		10	51866.79		-0.08609
12	n10	26990						1		11	52317.92		-0.77802
13	b9	200000						1		12	49169.67		4.536518
14	b9	86787						1		13	49548.03		1.058833
15	b9	2308						1		14	49696.05		-1.5362
16	i7	56688						1		15	50040.84		0.13425
17	i7	81757						1		16	51010.5		0.904321
18	i5	15134						1		17	52719.23		-1.14221
19	i5	100						1		18	51732.75		-1.60402
20	i1	73579						1		19	50179.99		0.653109
21	i1	50351						1		20	47805.67		-0.06041
22	i1	38462						1		21	49422.52		-0.42562
23	i1	82510						1		22	49305.9		0.927452
24	i6	52554						1		23	49957.22		0.007262
25	i7	3423						1		24	52773.35		-1.50195
26	i1	88744						1		25	54540.2		1.118040

Z SCORES FOR BUCKET 1

T1

=AVERAGE(R2:R100)

	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	Offered Salary						SAMPLE_LIST		BUCKET	SAMPLE AVERAGE	ST_DEV	Z SCORE	AVG Z SCORE FOR BUCKET 1	-0.01623
2	56553						1		1	52317.60204	32554.13	0.130103		
3	22075						1		2	49918.64	28963.45	-0.92899		
4	70069						1		3	51335.55	44786.69	0.545289		
5	3207		Upper limit = Sample mean + Z-score * Standard deviation of sample / SQRT(s)				1		4	48601.88	26686.81	-1.50858		
6	29668		Lower limit = Sample mean - Z-score * Standard deviation of sample / SQRT(s)				1		5	51097.83	26799.33	-0.69575		
7	85914						1		6	48760.47		1.032016		
8	69904						1		7	52679.08		0.54022		
9	11758													

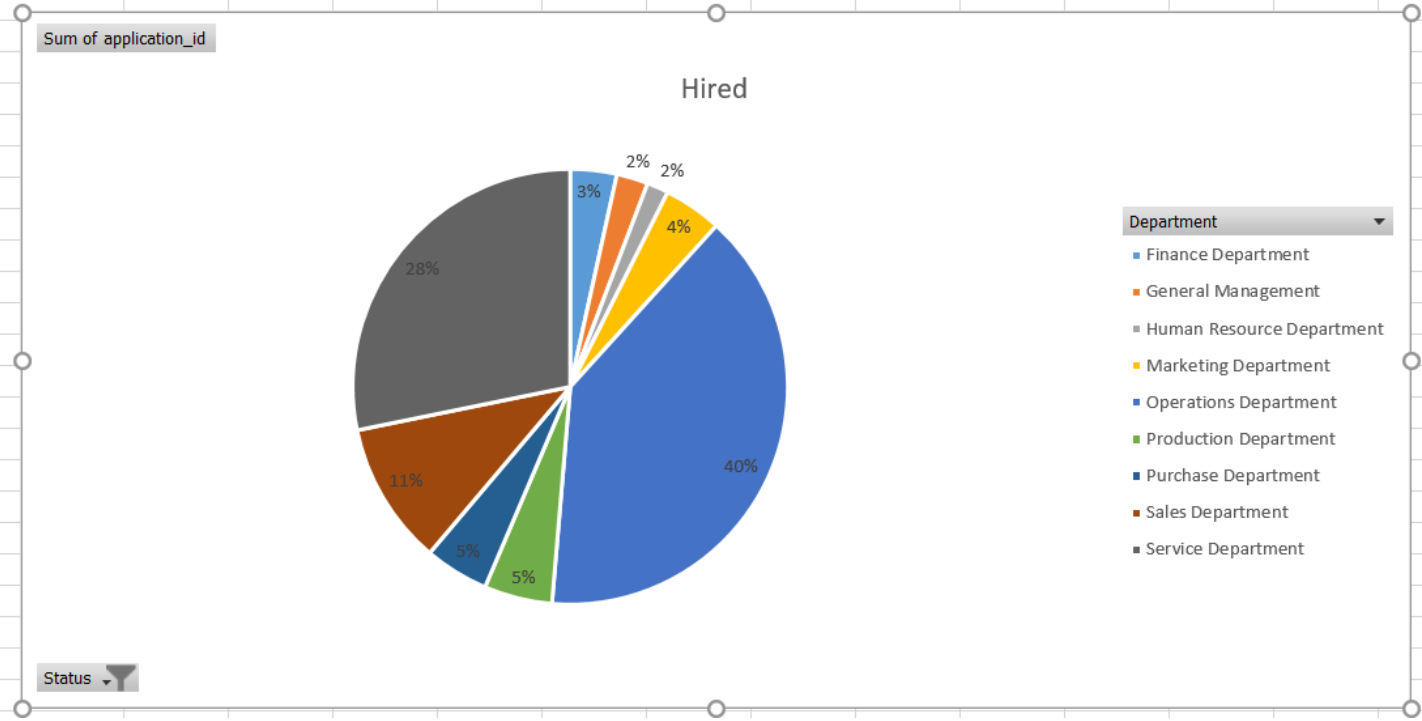
SO WE WILL TAKE AVERAGE Z SCORE FOR BUCKET 1 TO CALCULATE UPPER AND LOWER RANGE

V8

	O	P	Q	R	S	T	U	V
1	BUCKET	SAMPLE AVERAGE	ST_DEV	Z SCORE	AVG Z SCORE FOR BUCKET 1	-0.01623	STANDARD ERROR=Z-score * Standard deviation of sample / SQRT(s)	Upper limit _ BUCKET 1= Sample mean + STANDARD ERROR
2	1	52317.60204	32554.13	0.130103			-52.84606267	52370.4481
3	2	49918.64	28963.45	-0.92899				
4	3	51335.55	44786.69	0.545289				
5	4	48601.88	26686.81	-1.50858				
6	5	51097.83	26799.33	-0.69575				Lower limit _BUCKET1= Sample mean - STANDARD ERROR
7	6	48760.47		1.032016				52264.75598
8	7	52679.08		0.54022				
9	8	40395.58		-1.24591				
10	9	48645.33		-1.14153				
11	10	51866.79		-0.08609				
12	11	52317.92		-0.77802				
13	12	49169.67		4.536518				
14	13	49548.03		1.058833				
15	14	49696.05		-1.5362				
16	15	50040.84		0.13425				
17	16	51010.5		0.904321				
18	17	52719.23		-1.14221				
19	18	51732.75		-1.60402				
20	19	50179.99		0.653109				
21	20	47805.67		-0.06041				

UPPER LIMIT AND LOWER LIMIT OF BUCKET 1. SIMILARLY, WE CAN FIND OTHERS

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
37																	
38																	
39																	
40																	
41																	
42																	
43																	
44	Sum of application_id	Column Labels															
45	Row Labels	Hired	Grand Total														
46	Finance Department	82096471	82096471														
47	General Management	55696016	55696016														
48	Human Resource Department	38271751	38271751														
49	Marketing Department	103030245	103030245														
50	Operations Department	941934194	941934194														
51	Production Department	120614576	120614576														
52	Purchase Department	113416207	113416207														
53	Sales Department	252490716	252490716														
54	Service Department	670683246	670683246														
55	Grand Total	2378233422	2378233422														
56																	
57																	
58																	
59																	
60																	
61																	
62																	



PROPORTION OF PEOPLE WORKING IN DIFFERENT DEPARTMENT

PivotChart Fields

Choose fields to add to report: ⚙

🔍

☒ application_id

☐ Interview Taken on

☒ Status

☐ event_name

☒ Department

☐ Post Name

☐ Offered Salary

Drag fields between areas below:

⌵ FILTERS

⌵ LEGEND (S...

Status

⌵ AXIS (CAT...

Departm...

⌵ VALUES

Sum of ap...

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
79																									
80																									
81																									
82																									
83																									
84																									
85	Count of Post Name	Column Labels																							
86	Row Labels	-	b9	c-10	c5	c8	c9	i1	i4	i5	i6	i7	m6	m7	n10	n6	n9	Grand Total							
87	Finance Department		13	4	68	4	107	9	3	41	12	27						288							
88	General Management		2	10	29	7	39	1	1	31	9	43						172							
89	Human Resource Department		2	2	21	6	7	2		42	6	9						97							
90	Marketing Department		28	18	74	26	70	13	1	30	15	50						325							
91	Operations Department		158	99	671	98	711	94	38	272	278	351	1					2771							
92	Production Department		40	8	79	8	87	28	3	37	26	64						380							
93	Purchase Department		22	5	107	4	74	2	3	36	23	55					1	1	333						
94	Sales Department	1	28	23	216	48	175	2	10	88	43	113						747							
95	Service Department		170	63	482	119	522	71	29	210	115	270	2	1	1			2055							
96	Grand Total		1 463	232	1747	320	1792	222	88	787	527	982	3	1	1	1	1	7168							
97																									
98																									
99																									
100																									
101																									
102																									
103																									
104																									
105																									

PivotChart Fields

Choose fields to add to report:

Search

- ☐ application_id
- ☐ Interview Taken on
- ☐ Status
- ☐ event_name
- ☒ Department
- ☒ Post Name
- ☐ Offered Salary

Drag fields between areas below:

FILTERS

LEGEND (S...

Post Name

AXIS (CAT...

Departm...

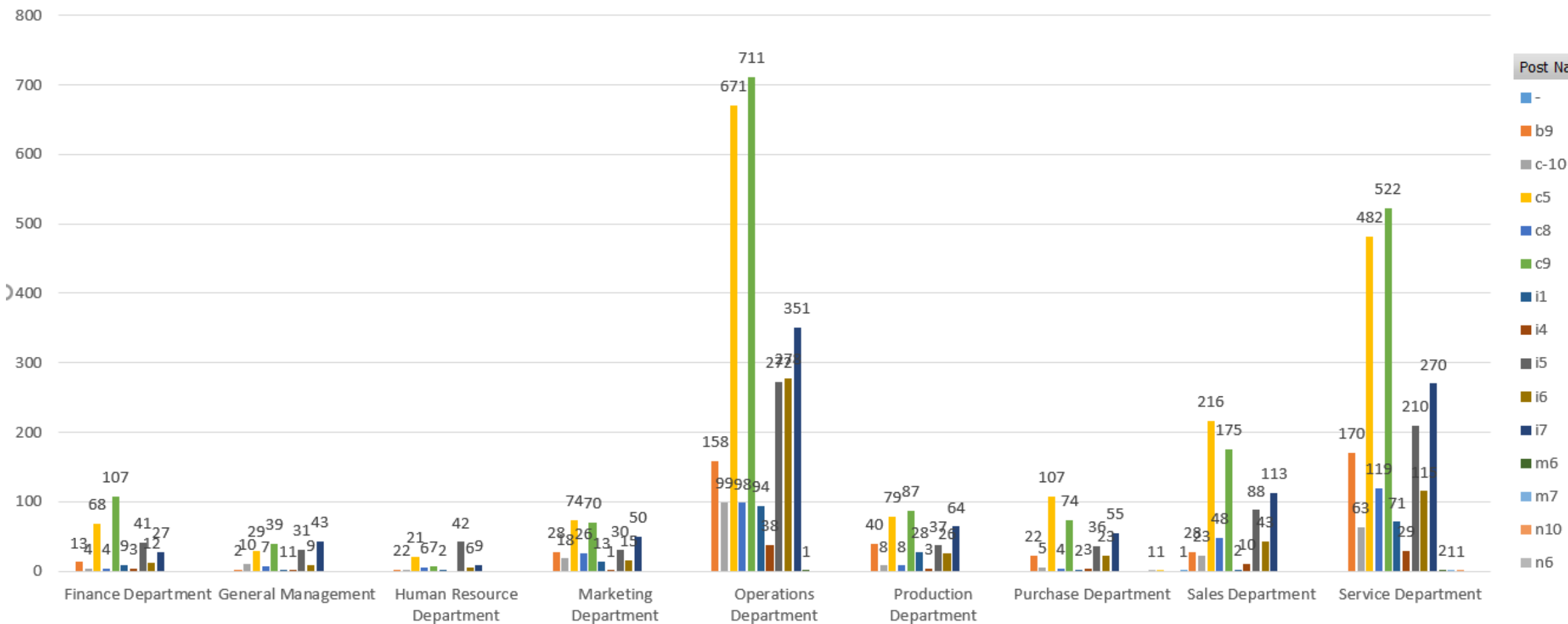
VALUES

Count of P...

POST WISE BREAKDOWN OF DIFFERENT DEPARTMENT

Count of Post Name

DEPT-WISE POST COUNT



Department

DASHBOARD

