Trainity Assignment – 4

First screenshot — Google Sheets "Statistics", cell J5 with formula =COUNTIF(D2:D7169,"Male")

	B	C	D	E	F	G	H	I	J
1	Interview Taken or	Status	event_name	Department	Post Name	Offered Salary			
2	5/1/14 11:40	Hired	Male	Service Department	c8	56553			
3	5/6/14 8:08	Hired	Female	Service Department	c5	22075		Q1)How many males and females are Hired ?	
4	5/6/14 8:08	Rejected	Male	Service Department	c5	70069			
5	5/2/14 16:28	Rejected	Female	Operations Department	i4	3207		Male	4085
6	5/2/14 16:32	Hired	Male	Operations Department	i4	29668			
7	5/1/14 7:44	Hired	Male	Sales Department	-	85914		Female	2675
8	5/6/14 16:27	Rejected	Male	Sales Department	i7	69904			
9	5/9/14 13:17	Rejected	Male	Sales Department	i7	11758			
10	5/2/14 13:09	Hired	Female	Service Department	i4	15156			
11	5/2/14 13:11	Rejected	Female	Service Department	i4	49515			
12	5/1/14 9:00	Rejected	Male	Service Department	n10	26990			
13	5/7/14 10:48	Hired	Female	Service Department	b9	200000			
14	5/7/14 10:50	Hired	Male	Service Department	b9	86787			
15	5/15/14 9:31	Hired	Male	Finance Department	b9	2308			
16	5/9/14 12:48	Hired	Female	Service Department	i7	56688			
17	5/9/14 12:48	Hired	-	Service Department	i7	81757			
18	5/2/14 8:07	Hired	Male	Service Department	i5	15134			
19	5/2/14 8:11	Rejected	-	Service Department	i5	100			
20	5/1/14 22:53	Hired	Female	Operations Department	i1	73579			
21	5/1/14 22:54	Rejected	Male	Operations Department	i1	50351			
22	5/1/14 22:55	Rejected	Female	Operations Department	i1	38462			
23	5/1/14 22:53	Rejected	Don't want to say	Operations Department	i1	82510			
24	5/1/14 9:41	Rejected	Male	Service Department	i6	52554			
25	5/1/14 16:28	Hired	Female	Operations Department	i7	3423			
26	5/10/14 14:17	Rejected	Male	Service Department	i1	88744			
27	5/10/14 14:18	Hired	Female	Service Department	i1	70979			
28	5/1/14 16:01	Rejected	Male	Operations Department	i6	99574			
29	5/1/14 16:01	Hired	Male	Operations Department	i6	52176			
30	5/1/14 11:47	Rejected	Male	Finance Department	i1	61432			
31	5/1/14 9:26	Rejected	Male	Sales Department	i4	87884			
32	5/1/14 9:26	Rejected	Male	Sales Department	i4	56229			

Second screenshot — Google Sheets "Statistics", cell I9 with formula =average(G2:G)

	C	D	E	F	G	H	I	J
1	Status	event_name	Department	Post Name	Offered Salary			
2	Hired	Male	Service Department	c8	56553			
3	Hired	Female	Service Department	c5	22075		Q2) What is the average salary offered in this company ?	
4	Rejected	Male	Service Department	c5	70069			
5	Rejected	Female	Operations Department	i4	3207			
6	Hired	Male	Operations Department	i4	29668			
7	Hired	Male	Sales Department	-	85914		ANSWER:	
8	Rejected	Male	Sales Department	i7	69904			
9	Rejected	Male	Sales Department	i7	11758		49983.02902	
10	Hired	Female	Service Department	i4	15156			
11	Rejected	Female	Service Department	i4	49515			
12	Rejected	Male	Service Department	n10	26990			
13	Hired	Female	Service Department	b9	200000			
14	Hired	Male	Service Department	b9	86787			
15	Hired	Male	Finance Department	b9	2308			
16	Hired	Female	Service Department	i7	56688			
17	Hired	-	Service Department	i7	81757			
18	Hired	Male	Service Department	i5	15134			
19	Rejected	-	Service Department	i5	100			
20	Hired	Female	Operations Department	i1	73579			
21	Rejected	Male	Operations Department	i1	50351			
22	Rejected	Female	Operations Department	i1	38462			
23	Rejected	Don't want to say	Operations Department	i1	82510			
24	Rejected	Male	Service Department	i6	52554			
25	Hired	Female	Operations Department	i7	3423			
26	Rejected	Male	Service Department	i1	88744			
27	Hired	Female	Service Department	i1	70979			
28	Rejected	Male	Operations Department	i6	99574			
29	Hired	Male	Operations Department	i6	52176			
30	Rejected	Male	Finance Department	i1	61432			
31	Rejected	Male	Sales Department	i4	87884			
32	Rejected	Male	Sales Department	i4	56229			

Trainity Dashboard ✕ | Trainity Dashboard ✕ | Trainity Dashboard ✕ | Statistics - Google Sheets ✕ | Editor | Mode ✕ | DB Fiddle - SQL Database ✕ | +

docs.google.com/spreadsheets/d/1wizBkisNmznwB9F93hlrFq6FTSwS3CbOTB446P1Cl4k/edit#gid=1029390730 | Update

Statistics ☆ ⊡ ☁ Saved to Drive
File Edit View Insert Format Data Tools Extensions Help

J18

	C	D	E	F	G	H	I	J
1	Status	event_name	Department	Post Name	Offered Salary			
2	Hired	Male	Service Department	c8	56553			
3	Hired	Female	Service Department	c5	22075		Q3) Draw the class intervals for salary in the company?	
4	Rejected	Male	Service Department	c5	70069			
5	Rejected	Female	Operations Department	i4	3207			
6	Hired	Male	Operations Department	i4	29668			
7	Hired	Male	Sales Department	-	85914		ANSWER:	
8	Rejected	Male	Sales Department	i7	69904			
9	Rejected	Male	Sales Department	i7	11758		FORMULA	MAX(G2:G)
10	Hired	Female	Service Department	i4	15156		MAX VALUE	400000
11	Rejected	Female	Service Department	i4	49515			
12	Rejected	Male	Service Department	n10	26990			
13	Hired	Female	Service Department	b9	200000		FORMULA	MIN(G2:G)
14	Hired	Male	Service Department	b9	86787		MIN VALUE	100
15	Hired	Male	Finance Department	b9	2308			
16	Hired	Female	Service Department	i7	56688			
17	Hired	-	Service Department	i7	81757		INTERVAL	399900
18	Hired	Male	Service Department	i5	15134			
19	Rejected	-	Service Department	i5	100			
20	Hired	Female	Operations Department	i1	73579			
21	Rejected	Male	Operations Department	i1	50351			
22	Rejected	Female	Operations Department	i1	38462			
23	Rejected	Don't want to say	Operations Department	i1	82510			
24	Rejected	Male	Service Department	i6	52554			
25	Hired	Female	Operations Department	i7	3423			
26	Rejected	Male	Service Department	i1	88744			
27	Hired	Female	Service Department	i1	70979			
28	Rejected	Male	Operations Department	i6	99574			
29	Hired	Male	Operations Department	i6	52176			
30	Rejected	Male	Finance Department	i1	61432			
31	Rejected	Male	Sales Department	i4	87884			
32	Rejected	Male	Sales Department	i4	56229			

Sheet1

I31

	D	E	F	G	H	I	J	K
1	event_name	Department	Post Name	Offered Salary				
2	Male	Service Department	c8	56553				
3	Female	Service Department	c5	22075		Q4) Draw Pie Chart To show proportion of people working different department ??		
4	-	Service Department	c5	70069				
5	Female	Operations Department	i4	3207				
6	Male	Operations Department	i4	29668				
7	Male	Sales Department	-	85914				
8	Male	Sales Department	i7	69904				
9	Male	Sales Department	i7	11758				
10	Female	Service Department	i4	15156				
11	Female	Service Department	i4	49515				
12	Male	Service Department	n10	26990				
13	Female	Service Department	b9	200000				
14	Male	Service Department	b9	86787				
15	Male	Finance Department	b9	2308				
16	Female	Service Department	i7	56688				
17	-	Service Department	i7	81757				
18	Male	Service Department	i5	15134				
19	-	Service Department	i5	100				
20	Female	Operations Department	i1	73579				
21	Male	Operations Department	i1	50351				
22	Female	Operations Department	i1	38462				
23	Don't want to say	Operations Department	i1	82510				
24	Male	Service Department	i6	52554				
25	Female	Operations Department	i7	3423				
26	Male	Service Department	i1	88744				
27	Female	Service Department	i1	70979				
28	Male	Operations Department	i6	99574				
29	Male	Operations Department	i6	52176				
30	Male	Finance Department	i1	61432				
31	Male	Sales Department	i4	87884				
32	Male	Sales Department	i4	56229				

Pie chart showing Department proportions: General Management 2.4%, Marketing Department 4.5%, Purchase Department 4.6%, Production Department 5.3%, Finance Department 4.0%, Sales Department 10.4%, Department 0.0%, Service Department 28.7%, Operations Department 38.7%

Sheet1

Trainity Dashboard ✕ | Trainity Dashboard ✕ | Trainity Dashboard ✕ | Statistics - Google Sheets ✕ | Editor | Mode ✕ | DB Fiddle - SQL Database ✕ | +

docs.google.com/spreadsheets/d/1wizBkisNmznwB9F93hlrFq6FTSwS3CbOTB446P1Cl4k/edit#gid=1029390730

Statistics ☆ ▱ ☁ Saved to Drive

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I18:J18

	E	F	G	H
1	Department	Post Name	Offered Salary	
2	Service Department	c8	56553	
3	Service Department	c5	22075	
4	Service Department	c5	70069	
5	Operations Department	i4	3207	
6	Operations Department	i4	29668	
7	Sales Department	-	85914	
8	Sales Department	i7	69904	
9	Sales Department	i7	11758	
10	Service Department	i4	15156	
11	Service Department	i4	49515	
12	Service Department	n10	26990	
13	Service Department	b9	200000	
14	Service Department	b9	86787	
15	Finance Department	b9	2308	
16	Service Department	i7	56688	
17	Service Department	i7	81757	
18	Service Department	i5	15134	
19	Service Department	i5	100	
20	Operations Department	i1	73579	
21	Operations Department	i1	50351	
22	Operations Department	i1	38462	
23	Operations Department	i1	82510	
24	Service Department	i6	52554	
25	Operations Department	i7	3423	
26	Service Department	i1	88744	
27	Service Department	i1	70979	
28	Operations Department	i6	99574	
29	Operations Department	i6	52176	
30	Finance Department	i1	61432	
31	Sales Department	i4	87884	
32	Sales Department	i4	56229	

Q5) Represent different post tiers using chart/graph ?

Bar Chart

Sheet1 ▾

Trainity Dashboard ✕ | Trainity Dashboard ✕ | Trainity Dashboard ✕ | Statistics - Google Sheets ✕ | Editor | Mode ✕ | DB Fiddle - SQL Database ✕ | +

docs.google.com/spreadsheets/d/1wizBkisNmznwB9F93hlrFq6FTSwS3CbOTB446P1Cl4k/edit#gid=1029390730

Statistics ☆ ▱ ☁

File Edit View Insert Format Data Tools Extensions Help

J22

	D	E	F	G	H
1	event_name	Department	Post Name	Offered Salary	
2	Male	Service Department	c8	56553	
3	Female	Service Department	c5	22075	
4	Male	Service Department	c5	70069	
5	Female	Operations Department	i4	3207	
6	Male	Operations Department	i4	29668	
7	Male	Sales Department	-	85914	
8	Male	Sales Department	i7	69904	
9	Male	Sales Department	i7	11758	
10	Female	Service Department	i4	15156	
11	Female	Service Department	i4	49515	
12	Male	Service Department	n10	26990	
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19	-	Service Department	i5	100	
20	Female	Operations Department	i1	73579	
21	Male	Operations Department	i1	50351	
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23	Don't want to say	Operations Department	i1	82510	
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28	Male	Operations Department	i6	99574	
29	Male	Operations Department	i6	52176	
30	Male	Finance Department	i1	61432	
31	Male	Sales Department	i4	87884	
32	Male	Sales Department	i4	56229	

Q5) Represent different post tiers using chart/graph ?

Pie Chart

Sheet1 ▾

Statistics
File Edit View Insert Format Data Tools Extensions Help

	E	F	G	H	I	J	K	L
1	Department	Post Name	Offered Salary					
2	Service Department	c8	56553					
3	Service Department	c5	22075		Q5) Represent different post tiers using chart/graph ?			
4	Service Department	c5	70069					
5	Operations Department	i4	3207					
6	Operations Department	i4	29668					
7	Sales Department	-	85914		Column Chart			
8	Sales Department	i7	69904					
9	Sales Department	i7	11758					
10	Service Department	i4	15156					
11	Service Department	i4	49515					
12	Service Department	n10	26990					
13	Service Department	b9	200000					
14	Service Department	b9	86787					
15	Finance Department	b9	2308					
16	Service Department	i7	56688					
17	Service Department	i7	81757					
18	Service Department	i5	15134					
19	Service Department	i5	100					
20	Operations Department	i1	73579					
21	Operations Department	i1	50351					
22	Operations Department	i1	38462					
23	Operations Department	i1	82510					
24	Service Department	i6	52554					
25	Operations Department	i7	3423					
26	Service Department	i1	88744					
27	Service Department	i1	70979					
28	Operations Department	i6	99574					
29	Operations Department	i6	52176					
30	Finance Department	i1	61432					
31	Sales Department	i4	87884					
32	Sales Department	i4	56229					

Sheet1