Hiring Process Analytics

A. **Hiring:** Process of intaking of people into an organization for different kinds of positions.
   Your task: How many males and females are Hired ?

   Commands:

   ```
   =COUNTIF(D2:D7169,"=Female")

   =COUNTIF(D2:D7169,"=Male")
   ```

   Output:

Counting the number of females hired:		
2675		
Counting the number of males hired:		
4085		

B. **Average Salary:** Adding all the salaries for a select group of employees and then dividing the sum by the number of employees in the group.
   Your task: What is the average salary offered in this company ?

   Commands:
   ```
   =AVERAGE(G2:G7169)
   ```

   Output:

Average salary offered:
49983.03

C. **Class Intervals:** The class interval is the difference between the upper class limit and the lower class limit.
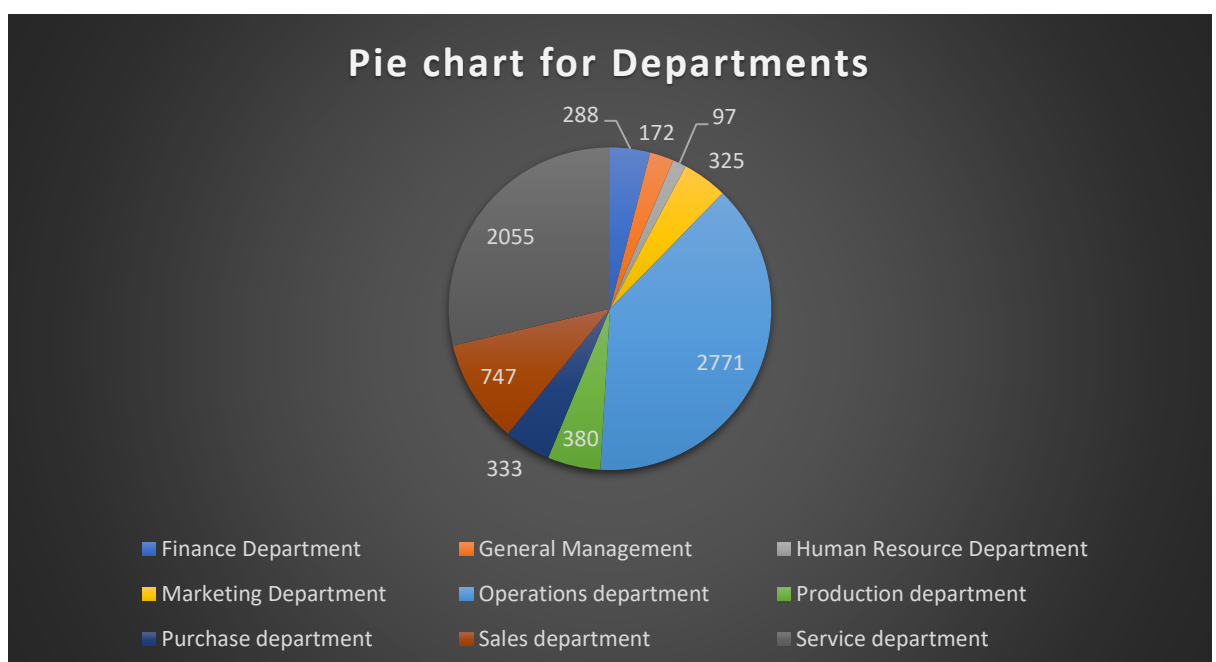   **Your task:** Draw the class intervals for salary in the company ?

   ```
   =ROUNDDOWN((D7-D6)/D4,0)+1
   ```

Offered Salary				Lower limit	Upper limit		
56553				100	30861		
22075	2^k=	8192		30862	30961		
70069	Number of classes	13		30962	31061		
3207	Class width	30762		31062	31161		
29668	Minimum	100		31162	31261		
85914	Maximum	400000		31262	31361		
69904	Number of data	7167		31362	31461		
11758				31462	31561		
15156				31562	31661		
49515				31662	31761		
26990				31762	31861		
200000				31862	31961		
86787							
2308							
56688							
81757							
15134							
100							
73579							
50351							
38462							
82510							
52554							
3423							
88744							
70979							
99574							
52176							

Ans: Class interval=30762

D. **Charts and Plots:** This is one of the most important part of analysis to visualize the data.
   Your task: Draw Pie Chart / Bar Graph (or any other graph) to show proportion of people working different department ?

E. **Charts:** Use different charts and graphs to perform the task representing the data.
Your task: Represent different post tiers using chart/graph?