Dataset:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sl\_no | Ssc\_p | Hsc\_p | Degree\_p | Etest\_p | Mba\_p | Salary |
| Q1:25% | 54.5 | 60.6 | 60.9 | 61 | 60 | 57.945 | 240000 |
| Q2:50% | 108 | 67 | 65 | 66 | 71 | 62 | 265000 |
| Q3:75% | 161.5 | 75.7 | 73 | 72 | 83.5 | 66.255 | 300000 |
| 99% | 212.86 | 87 | 91.86 | 83.86 | 97 | 76.1142 | NaN |
| Q4:100% | 215 | 89.4 | 97.7 | 91 | 98 | 77.89 | 940000 |

Differences:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sl\_no Difference | Ssc\_p Difference | Hsc\_p Difference | Degree\_p  Difference | Etest\_p  Difference | Mba\_p  Difference | Salary  Difference |
| 25-50 % | - | 6.4 | 4.1 | 5 | 11 | 4.055 | 25000 |
| 50-75 % | - | 8.7 | 8 | 6 | 12.5 | 4.255 | 35000 |
| 75-99 % | - | 11.3 | 18.86 | 11.86 | 13.5 | 9.85 | NaN |
| 99-100 % | - | 2.4 | 5.84 | 7.14 | 1 | 1.77 | NaN |

Ssc\_p:

The Difference between 25-50 % of the 10th pass mark percentile is 6.4  
The Difference between 50-75 % of the 10th pass mark percentile is 8.7  
The Difference between 75-99 % of the 10th pass mark percentile is 11.3 is the higher value compared to other values  
The Difference between 99-100 % of the 10th pass mark percentile is 2.4 (only 2.4 percentage students scored the marks between 99-100%)

Conclusion: Here 75-99 % is the Maximum Value with 11.3

Hsc\_p:

The Difference between 25-50 % of the 12th pass mark percentile is 4.1  
The Difference between 50-75 % of the 12th pass mark percentile is 8  
The Difference between 75-99 % of the 12th pass mark percentile is 18.86 is the higher value compared to other values  
The Difference between 99-100 % of the 12th pass mark percentile is 2.4 (only 5.84 percentage students scored the marks between 99-100%)

Conclusion: Here 75-99 % is the Maximum Value with 18.86. Since while comparing to the 10th mark percentile( 75-99 % and 99-100 %) category values is increased in 12th mark set values

Degree\_p:

The Difference between 25-50 % of the Degree pass mark percentile is 5  
The Difference between 50-75 % of the Degree pass mark percentile is 6  
The Difference between 75-99 % of the Degree pass mark percentile is 11.86 is the higher value compared to other values  
The Difference between 99-100 % of the Degree pass mark percentile is 7.14 (only 5.84 percentage students scored the marks between 99-100%)

Conclusion: Here 75-99 % is the Maximum Value with 11.86. Since while comparing to the 10th mark percentile ( 75-99 % is same) and ( 99-100 %) category values is increased also while comparing to 12th mark set percentile ( 75-99 % is descreased) and ( 99-100 %) category values is increased  
  
Etest\_p:

The Difference between 25-50 % of the Entrance test pass mark percentile is 11  
The Difference between 50-75 % of the Entrance test pass mark percentile is 12.5  
The Difference between 75-99 % of the Entrance test pass mark percentile is 13.5 is the higher value compared to other values  
The Difference between 99-100 % of the Entrance test pass mark percentile is 1 (only 1 percentage students scored the marks between 99-100%)

Conclusion: Here for all percentage difference there is a more than 10 values but in final (99-100% only 1 value is the difference1) and 75-99 % is the Maximum Value with 13.5. Since while comparing to the 10th and degree mark percentile of ( 75-99 % ) it is high and while comparing to 12th mark percentile of ( 75-99 % ) it is low by 5 values

Mba\_p:

The Difference between 25-50 % of the MBA pass mark percentile is 4.05  
The Difference between 50-75 % of the MBA pass mark percentile is 4.25  
The Difference between 75-99 % of the MBA pass mark percentile is 9.85 is the higher value compared to other values  
The Difference between 99-100 % of the MBA pass mark percentile is 1.77 (only 1.77 percentage students scored the marks between 99-100%)

Conclusion: Here while comparing with all metrics (10th, 12th, Degree, Entrance test marks) for specific 75-99 % the value is low in MBA.

Salary Difference:

The Difference between 25-50 % of the salary difference percentile is 25000  
The Difference between 50-75 % of the salary difference percentile is 35000  
The Difference between 75-100 % of the salary difference percentile is 640000

Conclusion: Here while comparing with 25-50 % and 50-75 % only 10000 is the difference but while comparing to the 50-75% to 75-100 % there is a massive difference of 640000. Since the value of 75-100% salary difference percentile is the highest value

NOTE: In this dataset I’m focussing only on 75-99% for all the data values and metrics like (10th,12th ,..etc). Since we can able to sort out multiple ways to calculate or differentiate the data values by this percentile differences.