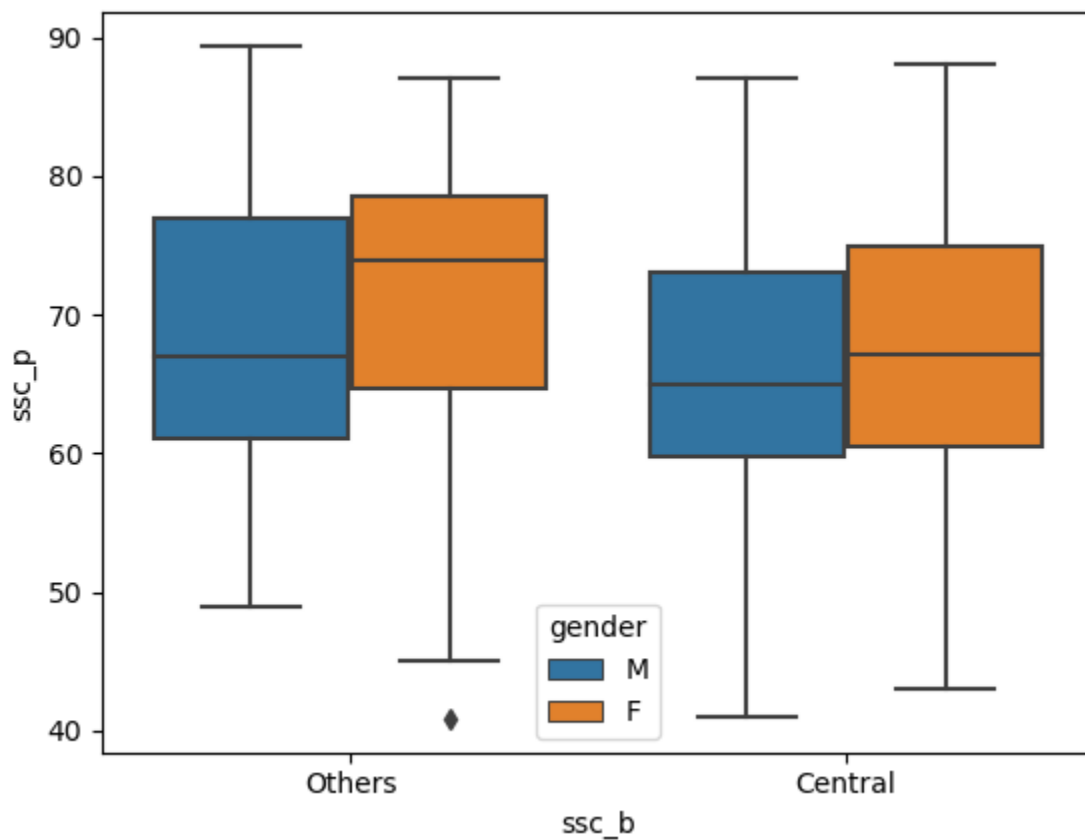


What is Swarm Plot ?

- A swarm plot is a type of scatter plot that is used for representing categorical values.
- It is very similar to the strip plot, but it avoids the overlapping of points.
- We can use the `seaborn.swarmplot()` to create such graphs.
- It is not advisable to use this type of graph when the sample size is large.

Box Plot



In this graph the blue color box refer to Male and the brown color refer to Female .

Others(Male)

The ssc_b - Others ,Male students minimum mark starts from 48 and then Q1 line starts from 61 marks ,then Q2 line starts from 66 marks and then Q3 line starts from 74 marks ,then male maximum marks end from 89 .

Others(Female)

The ssc_b - Others ,Female students minimum mark starts from 45 and then Q1 line starts from 65 marks ,then Q2 line starts from 75 marks and then Q3 line starts from 79 marks ,then male maximum marks end from 86 .

Comparing ssc_b(Others) -Male and Female ,Male Students got good marks than Female Students.In Male students 62-66 marks minimum number of male student got and 66-77 marks maximum number of Male Student got .

In Female students 65-75 marks maximum number of Female student got and 75-79 marks minimum number of Female Student got.

Central(Male)

The ssc_b - Central ,Male students minimum mark starts from 42 and then Q1 line starts from 58 marks ,then Q2 line starts from 64 marks and then Q3 line starts from 76 marks ,then male maximum marks end from 86 .

Central(Female)

The ssc_b - Central ,Female students minimum mark starts from 44 and then Q1 line starts from 59 marks ,then Q2 line starts from 67 marks and then Q3 line starts from 78 marks ,then Female maximum marks end from 87 .

Comparing ssc_b(Central) -Male and Female ,Female Students got good marks than Male Students.In Male students 58-64 marks minimum number of male student got and 64-76 marks maximum number of Male Student got .

In Female students 59-67 equal number of students got and 67-78 equal number of students got.

Comparing Others and Central - Others students got good marks then Central Students mark.