SWARM PLOT

* A swarm plot helps you see how data is spread out for different groups, showing each point clearly without piling them up.

sb.swarmplot(x = "gender", y = "ssc\_p", data = dataset) plt.show()

**sb.swarmplot(...)**: This is the function from Seaborn that generates the swarm plot.

* **x = "gender"**: The x parameter specifies the categorical variable to be plotted along the x-axis. In this case, it's "gender", meaning the plot will compare the distribution of another variable (here, "ssc\_p") across different gender categories.
* **y = "ssc\_p"**: 10th std marks: The y parameter specifies the numerical variable to be plotted along the y-axis. Here, it's "ssc\_p", which represents the 10th scores.
* **data = dataset**: The data parameter provides the DataFrame that contains the data you want to plot.

**plt.show()**: This line displays the plot.

