

## Module 3: Assignment 7 – Geom\_point() Attribute

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### Problem Statement:

Sam is assigned a task to create plots for visualization such that it gives a clear idea the distribution of data points from the student placement dataset.

### Tasks to be performed:

1. Create a scatter-plot:
    - a. Assign 'hsc\_p' column to x-axis and 'ssc\_p' column to y-axis.
    - b. Map 'gender' to the col aesthetic.
    - c. Map 'workex' to the col aesthetic.
    - d. Map 'status' to the col aesthetic.
    - e. Add a title to the plot as 'Comparing HSC & SSC Percentage'.
  2. Create a scatter-plot:
    - a. Assign 'degree\_p' column to the x-axis and 'mba\_p' to the y-axis.
    - b. Use 'col' as an aesthetic and assign it the column 'status'.
    - c. Use 'col' as an aesthetic and assign it the column 'specialisation'.
    - d. Add a title to the plot as 'Understanding Degree & MBA Percentage'.
  3. Create a scatter-plot:
    - a. Assign 'etest\_p' column to the x-axis and 'salary' to the y-axis.
    - b. Use 'col' as an aesthetic and assign it the column 'workex'.
    - c. Use 'col' as an aesthetic and assign it the column 'gender'.
    - d. Add a title to the plot as 'E-test & Salary'.
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