**SDS Hackathon**

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# **Section: F**

### **Problem Statement:** To analyse the relation between completion level of test preparation course and math score in the given dataset.

### **Hypothesis:**

H0: People with test preparation course = ‘completed’ have a higher score in maths.

H1: People with test preparation course = ‘completed’ **do not** have a higher score in maths.

For this dataset, we are considering test preparation course as the independent variable in this analysis, and math score as the dependent variable and we will be using data visualisation methods from the seaborn library to visualise the relation between the variables as well as a regression model, and test the above hypotheses.