Problem Statment:

DDS is a startup company that is planning to start a shuttle service (pick-up and drop) at a discounted price. However, there are limited seats available and the company only wants to provide this service to the employees who are highly likely to buy the service for a long time.

You as a data scientist have to build to model to automate the task of identifying such employees using the data obtained from a survey conducted by the HR department.

Attribute Information:

Age: Age of the employee
Gender: Gender of employee
Engineer: Does the employee have Engineering Degree. 1 indicates the employee has an engineering degree 0 indicates the employee doesn't
MBA: Does the employee have MBA Degree. 1 indicates the employee has an MBA degree indicates the employee doesn't
Work Exp: Work experience in years
Salary: Annual Salary of employee (in thousand)
Distance: Distance from office (in KM)
License: Does the employee have a license
Opt_Service: Employee opts for the service or not. 1 indicates employee opts for the service 0 indicates employee doesn't

Kindly go through these guidelines before you attempt the quiz :
1. Use random_state=1 wherever this parameter can be used.
2. Kindly run all the code lines in the Jupyter Notebook.
3. Ensure there is a proper internet connection while taking up the quiz. Any breakup in the connection will automatically submit your quiz.
4. Only attempt the quiz when you are prepared and have enough time on your hands to finish it. Please ensure you attempt the quiz well before the due date. No extension will be provided for any quiz once the deadline is passed.
5. The quiz once opened, must be completed within the time frame provided. You CANNOT start the quiz, leave it unattended for an extended period of time and come back later to finish.
6. No re-attempts will be provided if the quiz gets submitted for any of the above-mentioned reasons.
7. If you face any other technical issues on Olympus, you should share the screenshot with your Program Manager so that the team can understand and resolve it on priority.