# Interview Questions

## Dataset Overview

The following dataset was collected during a web development program . It contains data about selected students who applied for the program . Here is the metadata to give a description

### Metadata

| Attribute | Explanation |
|---|---|
| Gender | The specific gender |
| Location | Where they come from |
| County Number | County the belong to / International Students |
| Computer Proficient | Do they have basic computer skills? |
| Level Of Education | Which level of education they hold |
| Commitment | If they can commit 2 months to do the program |
| Access to Device | Do they have a computer? |
| Access to Internet | Can they access the Internet to Learn? |
| Information Gain | How did they know about the scholarship |
| Lecturer | Who trained the student? |

| Selected | Were they selected for the program? |
|---|---|
| Completed | Did they complete the program? |

## Data Analysis

*(Graphical Representations can be bar graphs, pie-charts, swarm plots e.t.c) : Use PYTHON*

1. Graphical representation to show the Applications in terms of gender
2. Graphical Representation to show Information Gain
3. Graphical Representation to show Applications in terms of Location/County
4. Graphical Representation to show Applications in terms of Level of education
5. Graphical representation to show how many students completed
6. Graphical representation to show student distribution among the lecturer
7. Graphical representation to show the completion rate for lecturer A , B and E

## Machine Learning

8. Choose a machine learning model & train ; to see if a student will complete or not.

*(Remember to write comments on your code.)*

*ALL THE BEST!*