# INDIVIDUAL REFLECTION

## AIG 130 - CLOUD COMPUTING FOR MACHINE LEARNING

### Lab 5

##### How were tasks distributed?

* Below is a Table Showing the Group Members and each of their Tasks.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **KEY** | **Aliyyah** | **Masoud** | **Jonathan** | **Aadil** |
| *Splitting the Task’s* |  |  | True |  |
| *Researched the Content for Report* | True | True | True | True |
| *Created the IPYNB* |  |  | True |  |
| *Created the Video* | True |  |  |  |
| *Created the Report* |  |  | True | True |

##### What was your specific task?

* I was in charge of Coding the IPYNB and Testing it out on GCP.

##### What challenges did you encounter?

* Wanted to Complete the Training using GCP but was Afraid that the Bill would be Costly for the Size of the Dataset’s I was Using.

##### What lessons did you learn while working on this lab? What would you differently if you were asked to do this lab again?

* I learnt about AutoML is Different from what I had Perceived. Initially I was Under the Impression that AutoML was GCP’s Name for their Set of Tools but when I got the Description of this Lab, I Understood that AutoML is a Tool like TPOT which is designed to automate the process of selecting, training, and tuning machine learning models, making it easier for non-experts to build effective ML solutions without deep knowledge of algorithms or hyperparameter tuning.
* In This Lab I would Do it with a Smaller Dataset so I can Show the Complete Execution of the Whole Process I Described in the Report without having to Worry about a Cost from GCP. Additionally, I would also take my Time to Do more Things like Cleaning and Visualisation’s to Improve the Project altogether.
* Side note I have is that also by doing this Lab I came Across TPOT which I ***now*** Understand more and would like to Utilise and start to do so by Updating the Execution of how we did AIG130 Project 2.