

CSCI 6910 PROJECT

Dear Students,

Please use “Qwik Labs” to complete the following labs successfully. In the Qwik labs there are five Challenge labs from the introductory and fundamental levels that are listed below.

1. Perform Foundational Infrastructure Tasks in Google Cloud: Challenge Lab
2. Google Cloud Essential Skills: Challenge Lab
3. Create and Manage Cloud Resources: Challenge Lab
4. Automating Infrastructure on Google Cloud with Terraform: Challenge Lab
5. Exploring Data with Looker: Challenge Lab

From these, select any two labs and complete the challenge mentioned on the Qwik labs website. (Please remember that in order to complete the challenge it is better to complete the same quests before attempting the labs).

Things to Submit:

- A two page report (IEEE 2 column format is not required but will appreciate if done so) stating all the lab work along with the description of the work done. (If possible share some screen shots).

Your final score will be calculated as follows:

Lab 1 score – 100 points

Lab 2 score – 100 points

Report – 100 Points

Total – 300 points

As usual, please let me know if you have any questions. Also, make sure to use the remaining credits from the Qwiklabs exercises properly. If for some reason you need additional credits, I will be glad to share. Don't purchase them unnecessarily. I can do up to 25 per student. Please submit your report in the following format: “**Firstname_lastname_Project.pdf**”. **10 points will be taken off if the submission is not in the above mentioned format.**

For the report, please include the following:

- 1) Labs attempted **(10 points)**
- 2) Reason for attempting these labs (Real world interest or application that you liked) **(10 points)**
- 3) Things that you found interesting in these labs. **(10 points)**
- 4) Things that you found challenging in these labs. **(10 points)**
- 5) Describe the process of completing these labs. (Don't go into too much details. Just explain the summary) **(50 points)**
- 6) Screenshots of some important tasks in the labs. **(10 points)**
- 7) Share the score you received for the lab. You should share the following for each lab. This score is available in every challenge lab.

