

Individual Project Report

Your Name:	Thota Siva Krishna Vara Prasad
Certificate:	Graduate Certificate in Pattern Recognition Systems

1. Your personal contribution to the project.

My group is a two-man team including me and Hong. I focuses on the coding part, data collection, exploratory data analysis model training & test models and build python web application Hong focus on the rest of the project such as logistics (arranging discussions), requirements ideation and research, and preparation of reports / presentations / video.

2. What you have learnt from the project.

I have learnt how to apply the theory knowledge that were imparted by the lecturers in a real-world business problem.

1. Prepare architecture diagram to implement end to end project.
2. Deploy our ML models using web application for real world use.
3. Deep understanding exploratory analysis and feature Extraction concepts
4. Deep understanding of machine learning model Training & testing
5. Develop Web application using Python Flask server

I have also learnt a lot from my team mate who is superior to me in the area of presentation skills, Requirement identification& Research.

3. How you can apply this in future work-related projects.

Coming from the Banking industry and specializing in the area of Payments & Trade, the unsupervised/supervised machine learning techniques are very useful for my work projects. Currently I am utilizing my skills in POC, used supervised machine learning techniques to identify Credit card fraud detection.

Used unsupervised machine learning techniques to customer segmentation. And currently we are developing Credit card recommendation system.