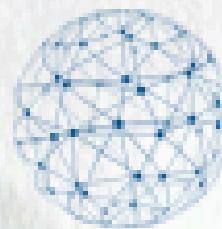


Oeson
Inspiring generation

OGTIP INTERNSHIP PROJECT: PYTHON

Professor -
Aritri Debnath
Business Analystst, Oeson

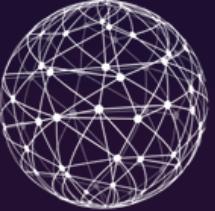
Presented by -
Oeson Private Limited



Aritri Debnath Ghosh

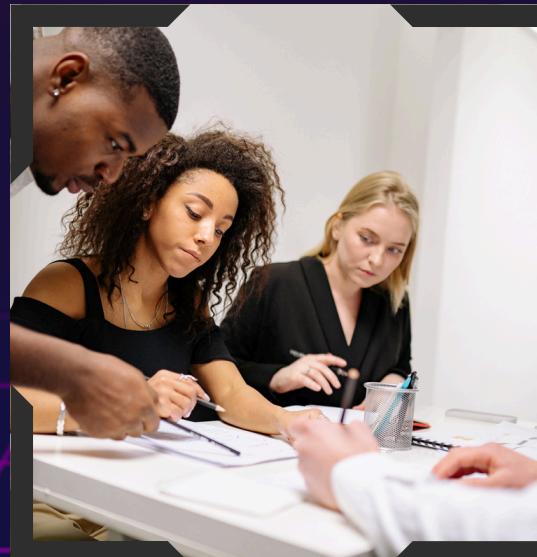
- **Asst. Professor in Oeson**
- **Educator with 14+ years of experience**
- **A Motivated Data Scientist**





Credit EDA Case Study

This case study aims to give you an idea of applying EDA in a real business scenario. In this case study, apart from applying the techniques that you have learnt in the EDA module, you will also develop a basic understanding of risk analytics in banking and financial services and understand how data is used to minimise the risk of losing money while lending to customers.



Project Description

This case study aims to identify patterns which indicate if a client has difficulty paying their installments which may be used for taking actions such as denying the loan, reducing the amount of loan, lending (to risky applicants) at a higher interest rate, etc. This will ensure that the consumers capable of repaying the loan are not rejected. Identification of such applicants using EDA is the aim of this case study.

In other words, the company wants to understand the driving factors (or driver variables) behind loan default, i.e. the variables which are strong indicators of default. The company can utilize this knowledge for its portfolio and risk assessment. To develop your understanding of the domain, you are advised to independently research a little about risk analytics - understanding the types of variables and their significance should be enough).

Credit EDA Case Study

1.	Click here to download the dataset.
2.	Problem statement task is correctly identified and executed.
3.	The query is syntactically correct and optimised
4.	If new variables are created, the names are descriptive and unambiguous.
5.	The solution output matches the expected output.
6.	The content should be concise and readable. The narrative should be backed by facts.
7.	For example, suppose two tables are joined by inner join as needed in the question.



Submission Guidelines

Step # 1.

Submit the task as PDF. The notebook should include description as comment line, the respective codes and their outputs, convert the notebook into PDF and upload.

Step # 2

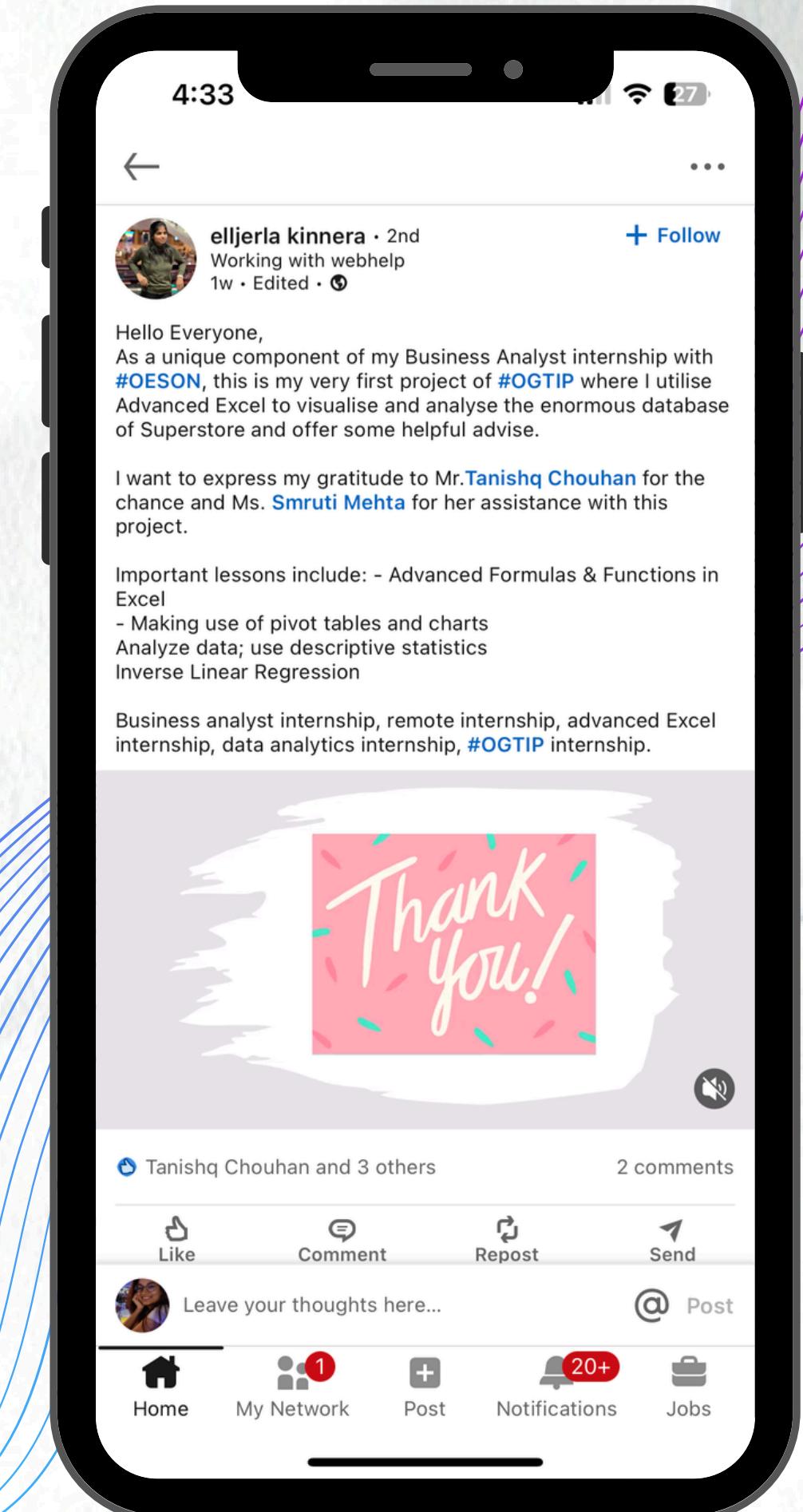
Create an explanatory video to showcase your effort. You could use voice over or typed text to explain your effort and post it over LinkedIn.

Step # 3

Mention @oeson and #OGTIP, while posting your task on LinkedIn. Also give a brief while recording the task video.

Step # 4

Comment on the task of your peers participating in the same batch.





*Thank
You*

