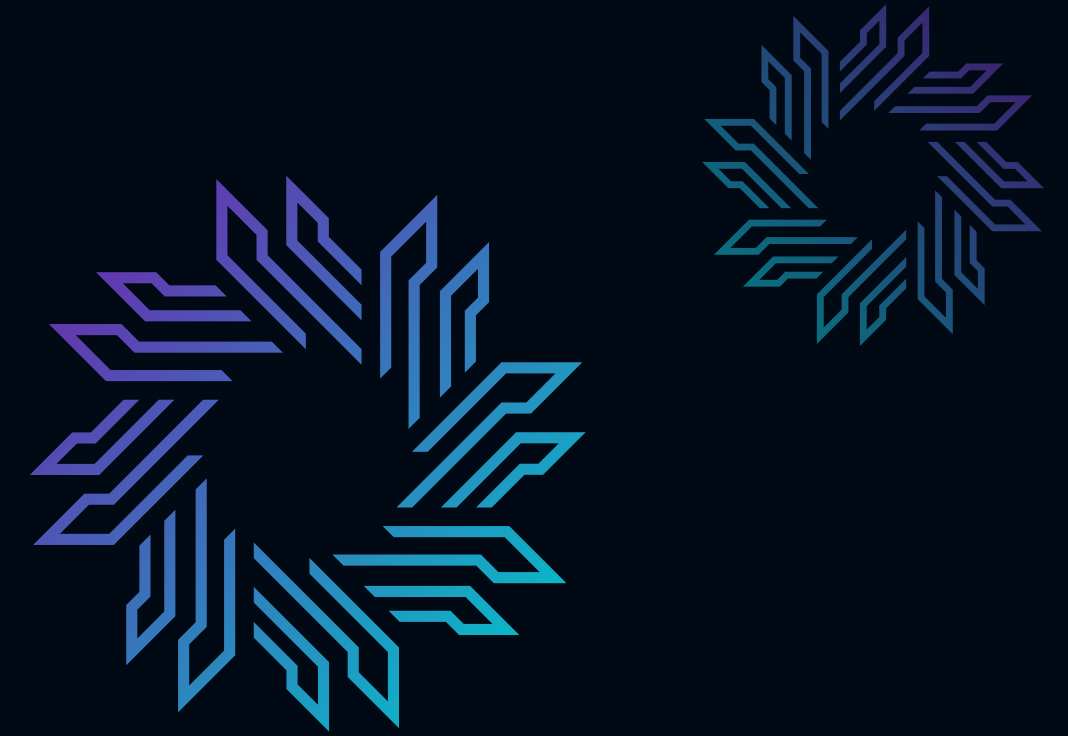


CSE 445.4



"Loan Eligibility Prediction"

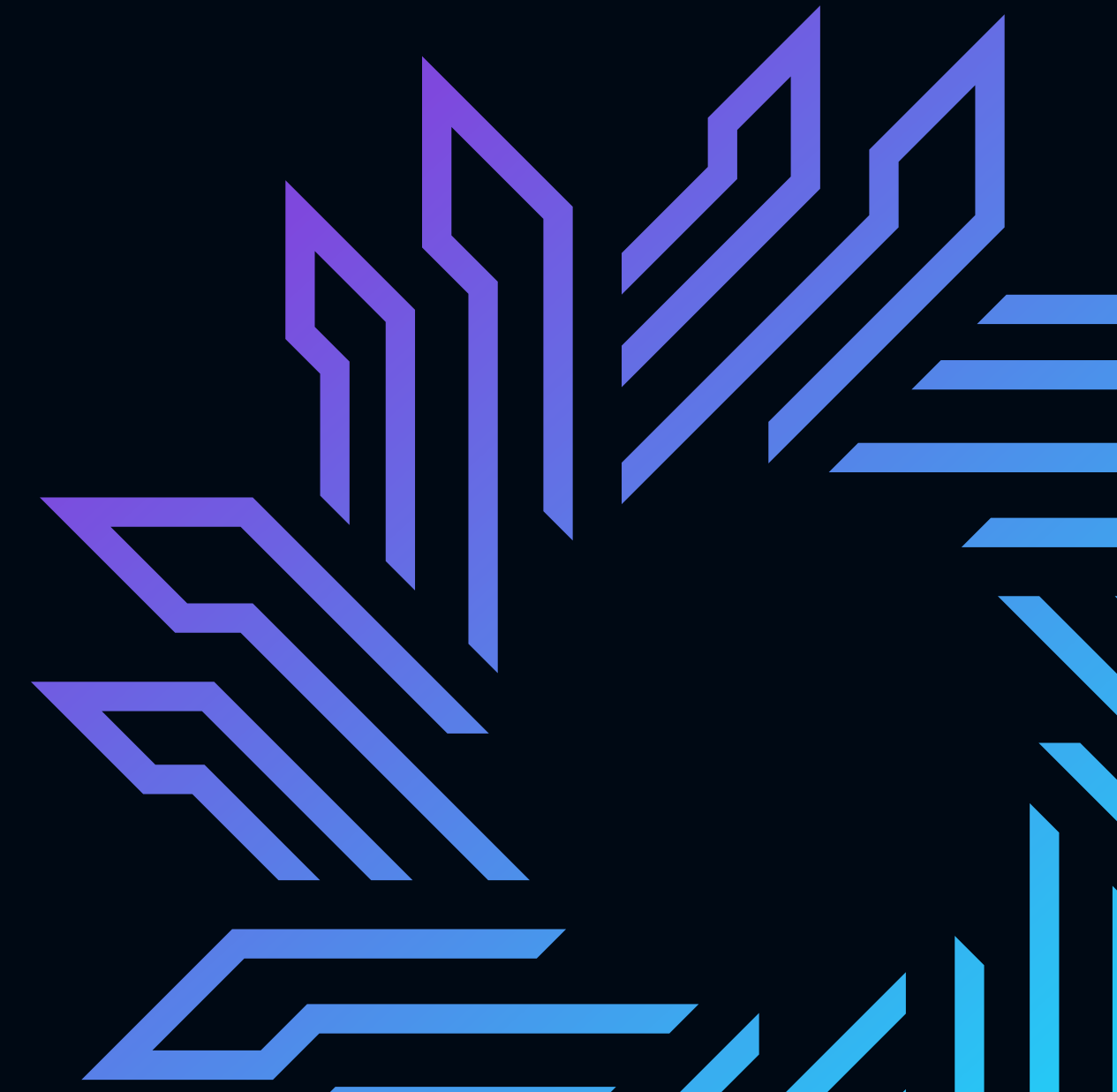
- GROUP-10

Instructor:

Intisar Tahmid Naheen(ITN)
Section: 4

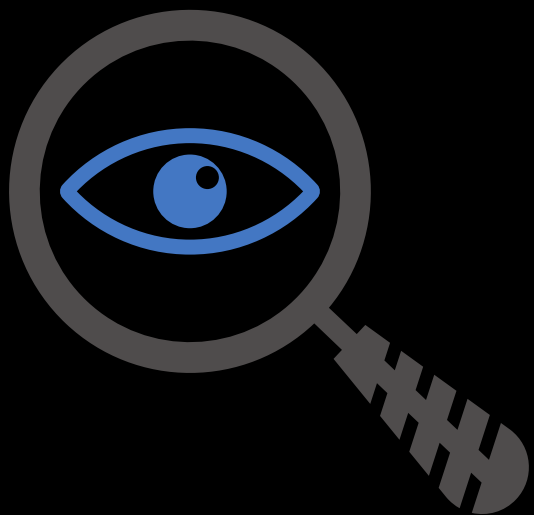
Group Members:

- Mehrab Islam 1821183642
- Anik Roy Pranto 1921219042
- Adnan Samiul Alam 1921476042



● Project Overview

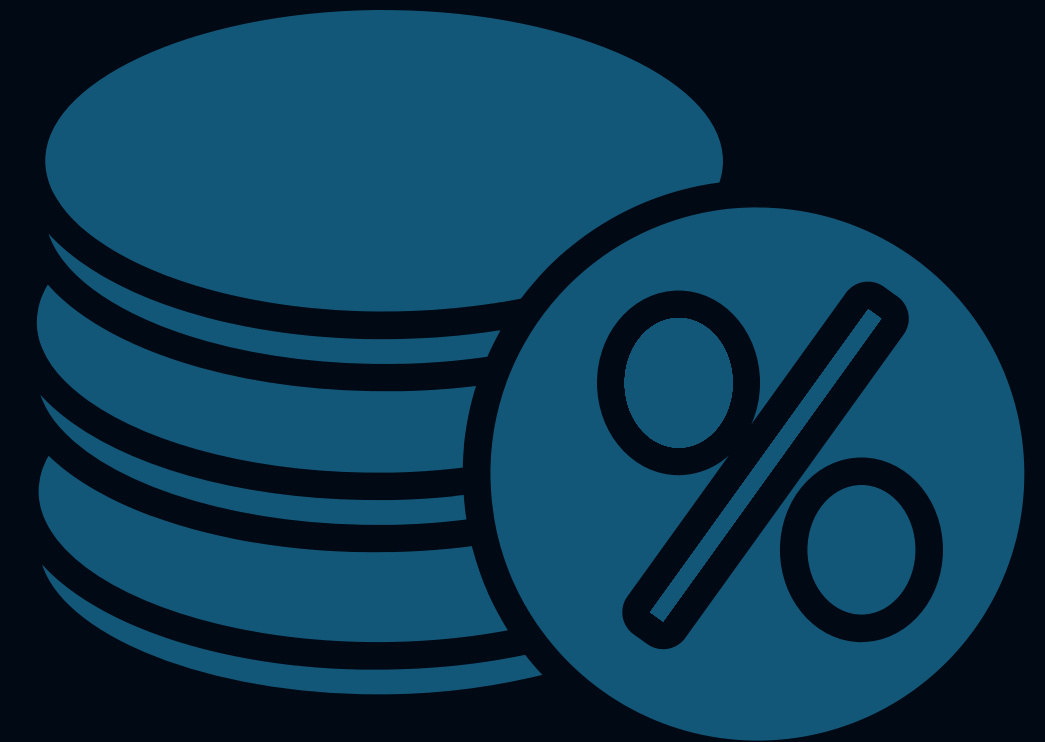
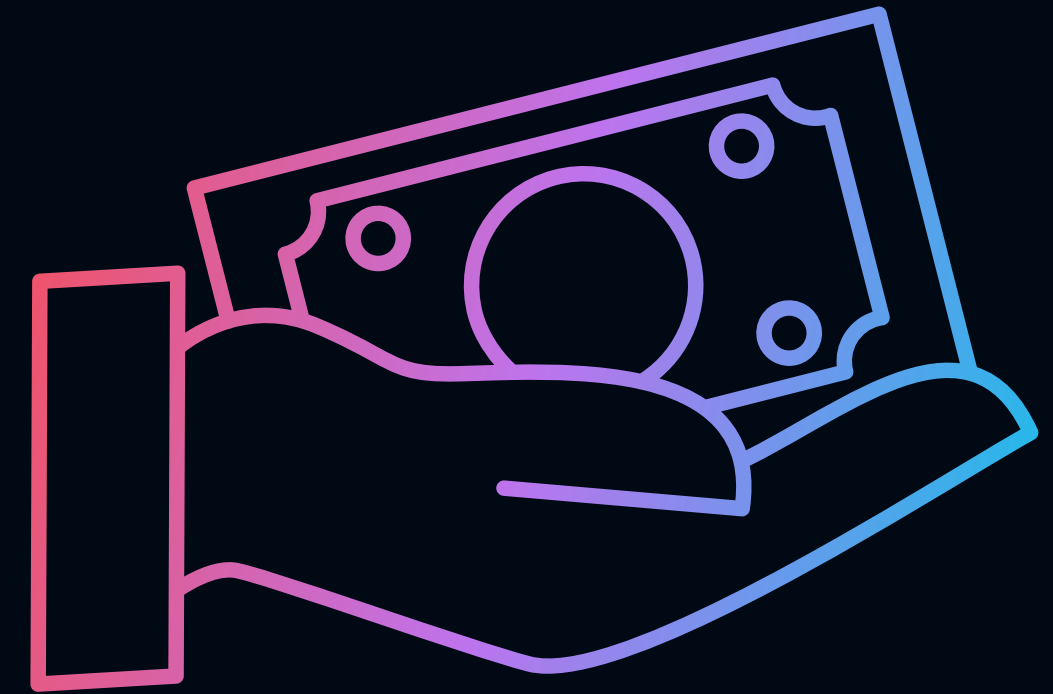
- Introducing automation in loan analytics
- Improving the efficiency of underwriters and credit analysts
- Saving banks valuable resources
- Always improving with online learning



Dataset Details

Features

• Loan_ID	→	Categorical
• Gender	→	Categorical
• Married	→	Categorical
• Dependents	→	Categorical
• Education	→	Categorical
• Self_Employed	→	Categorical
• ApplicantIncome	→	Numerical
• Coapplication	→	Numerical
• LoanAmount	→	Numerical
• Loan_Amount_Term	→	Numerical
• Credit_History	→	Numerical
• Property_Area	→	Categorical
• Loan_Status	→	Categorical





Number of Rows/ Column

- 1 1100 Rows(approx)
- 2 13 Column





Problem Type ?



Supervised, unsupervised, reinforcement ?



Supervised

Classification or Regression

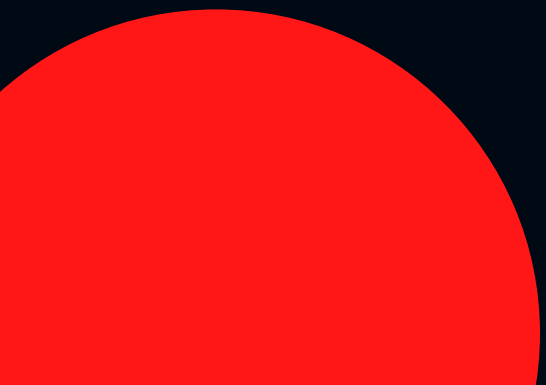
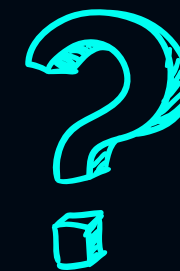


Regression

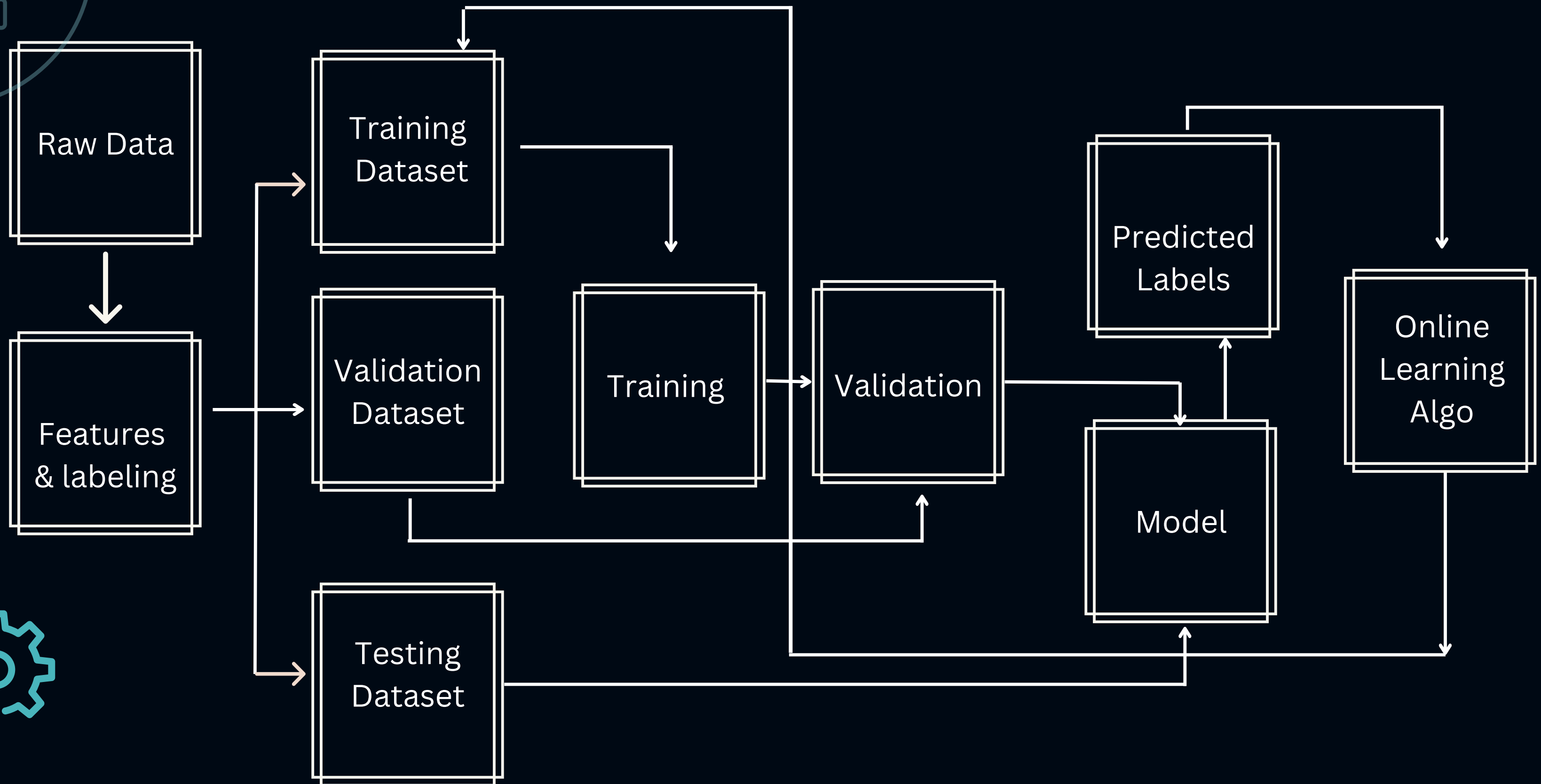
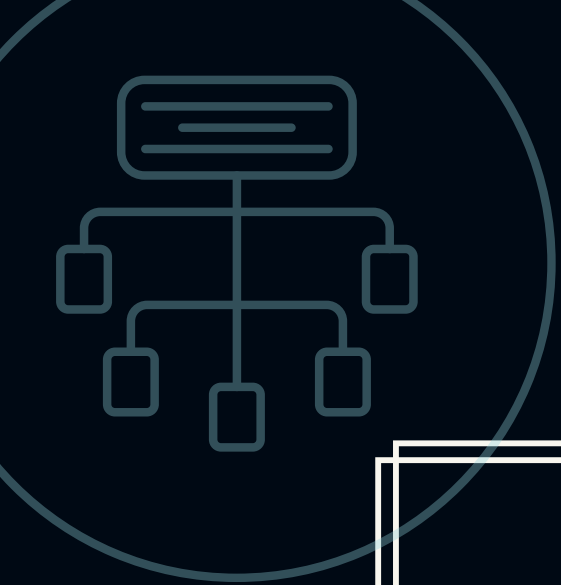
Batch Learning or Online Learning



Online Learning



Software Architecture





PROJECT GANNT CHART





Thank You