

Github :

<https://github.com/ajay200510/CUSTERMER-CHURN>

Predicting Customer Churn using Machine Learning

Uncover Hidden Patterns to Improve Retention

DETAILS

NAME : AJAY K REG NO : 612823205002

DEGREE : B.TECH-INFORMATION TECHNOLOGY

INSTITUTION : VARUVAN VADIVELAN

INSTITUTION OF TECHNOLOGY DATE OF

SUBMISSION : 15.05.2025

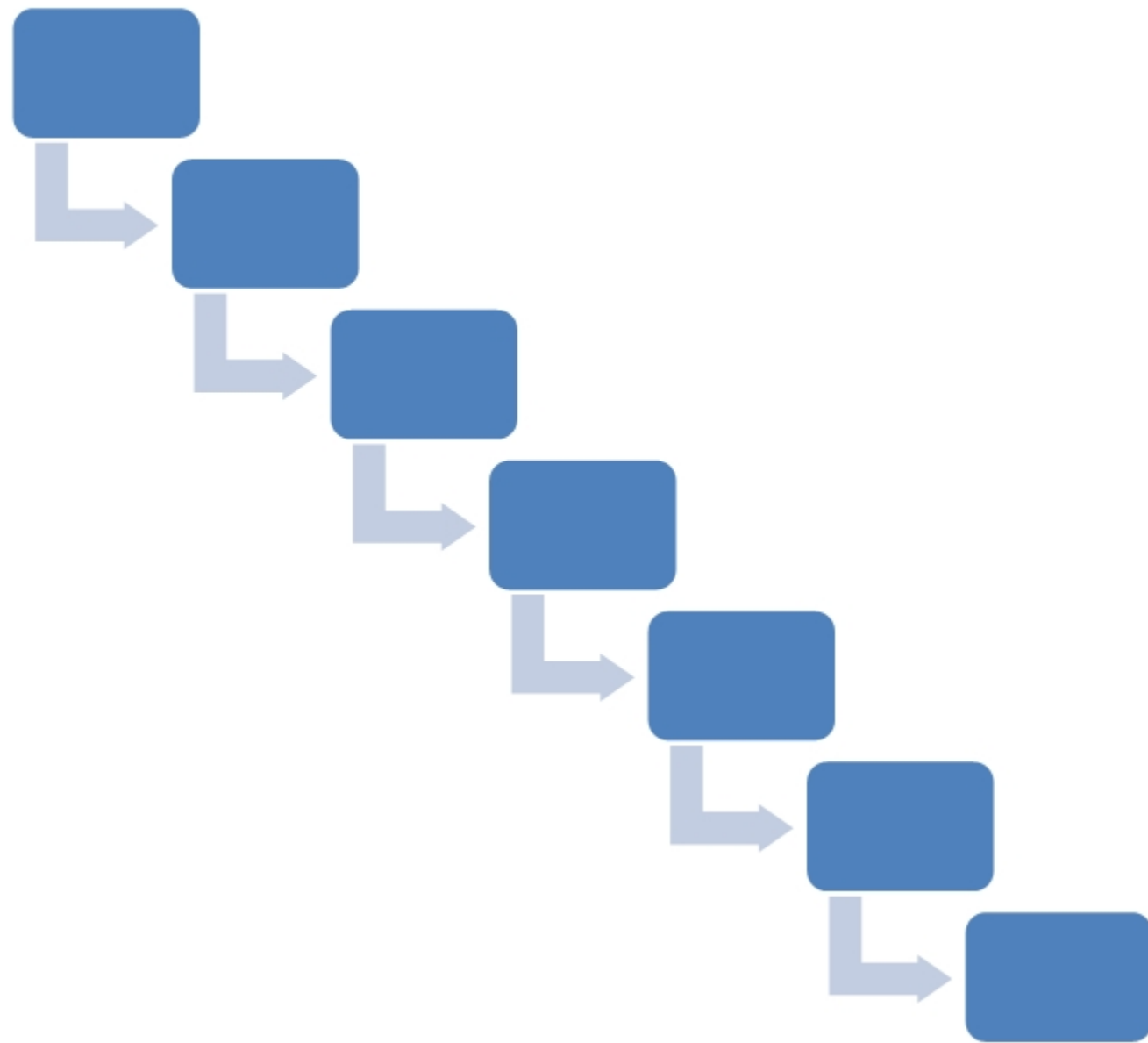
Problem Statement

- Companies face challenges in identifying customers at risk of leaving.
- Without accurate predictions, resources are wasted on retaining customers who may stay and neglecting those who may leave

- Customer churn impacts business revenue
- It's challenging to predict which customers will leave
- Goal: Use ML to detect churn patterns and reduce losses

Project Objective

- Build a predictive model using customer data
- Help businesses identify customers likely to churn
- Provide insights to improve customer retention strategies



—

MonthlyCharges, StandardScaler
TotalCharges, tenure

