**# Customer Churn Prediction Using Machine Learning**

This project predicts customer churn using logistic regression on the Telco Customer Churn dataset. It was developed as part of an internship deliverable.

# Dataset

- \*\*Name\*\*: Telco Customer Churn

- \*\*Format\*\*: Excel (.xlsx)

# ML Process

1. Data Loading

2. Exploratory Data Analysis

3. Preprocessing & Encoding

4. Model Training (Logistic Regression)

5. Evaluation (Accuracy, Classification Report, Confusion Matrix)

# Results

- Accuracy: ~[Your Accuracy Here]%

- Model: Logistic Regression

- Confusion Matrix and Classification Report visualized

# Libraries Used

- Python

- Pandas, NumPy

- Matplotlib, Seaborn

- scikit-learn

# Author

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