

# Project Title -Telecom Customer Retention

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# PROBLEM STATEMENT

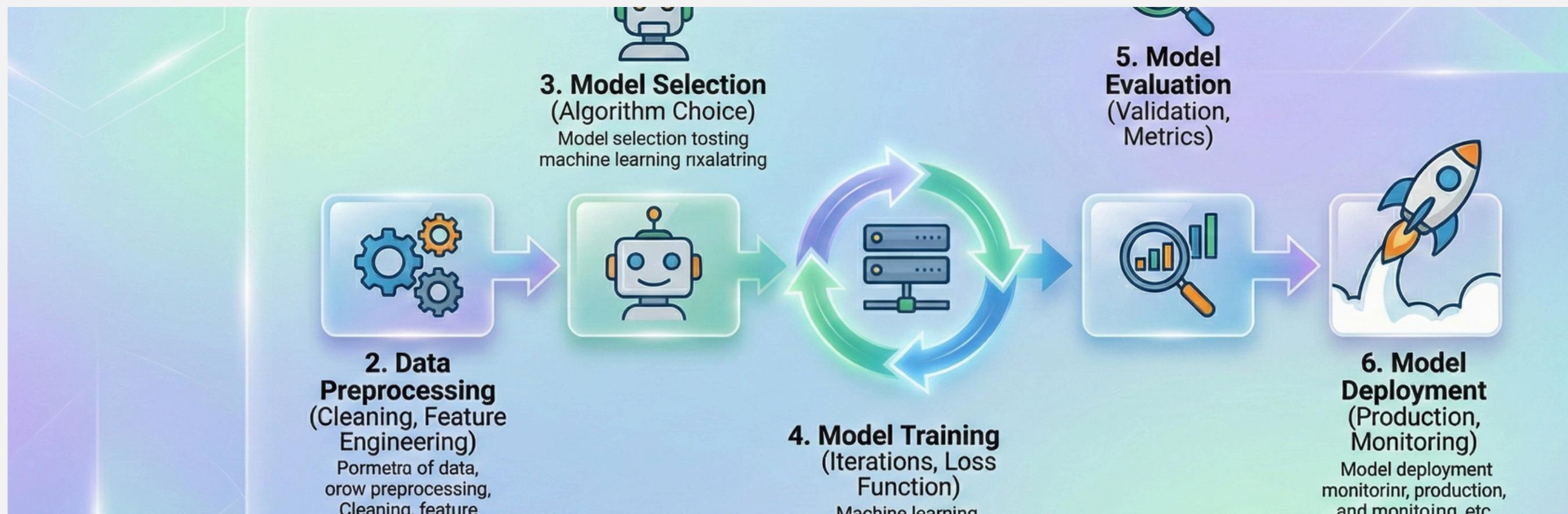
- Telecom companies face high customer turnover and revenue we need to create a model by which company can track potential customer's who can churn in near future.



# Project Description

1. We had provided a dataset of customer which contain the details of the customer
2. We need to create a model by which company can know about their potential churning customer

So we perform following Steps:



# WHO ARE THE END USERS?

- Telecom companies
- Software Companies

# Technology Used

- Google colab
- Python
- Numpy
- Seaborn
- Matplotlib
  - Sciplit
  - Pickle
  - Gradio



# RESULTS

[]

```
>Loading...  
s:", grid.best_params_)  
ore:", grid.best_score_)  
  
lsample_bytree': 1.0, 'learning_rate': 0.05, 'max_depth': 7, 'n_estimators': np.int64(50), 'subsample':  
826765271466363
```

Fill values and click Submit to get churn probability.

gender <input checked="" type="radio"/> Male <input type="radio"/> Female	SeniorCitizen <input checked="" type="radio"/> 0 <input type="radio"/> 1	Churn Prediction Result
Partner <input type="radio"/> Yes <input checked="" type="radio"/> No	Dependents <input type="radio"/> Yes <input checked="" type="radio"/> No	Churn Probability 0
Tenure (months) 12	Phone Service <input checked="" type="radio"/> Yes <input type="radio"/> No	Flag
Multiple lines <input type="radio"/> No phone service <input checked="" type="radio"/> No <input type="radio"/> Yes	Internet Service <input checked="" type="radio"/> DSL <input type="radio"/> Fiber optic <input type="radio"/> No	
Online Security		

<https://1f9c5d70b9582093a0.gradio.live/>

<https://github.com/Saniya-Mehdi/Vois>

# Thank you

## TEAM VOIS

