Attorney Prediction App

Attorney Appointment Predictor

Powered by Machine Learning to Enhance Decision-Making!

Project Description

This application predicts whether an attorney should be appointed for an insurance claim based on various factors. By analyzing interaction variables, the model delivers accurate probabilities and decisions. Use this tool for:

- Inputting claim details
- Generating interaction variables automatically
- Receiving actionable predictions

Business Objective: The primary goal of this project is to build a predictive model that determines whether an attorney will be involved in an insurance claim based on various claim-related factors. This prediction enables insurance companies to:

Optimize their claim processing workflows. Reduce legal costs by identifying claims likely to involve attorneys. Strategically allocate resources for improved efficiency.

TKey features include:

ATTORNEY: Target variable indicating attorney involvement (1 = Yes, 0 = No).

CLMSEX: Gender of the claimant (1 = Male, 0 = Female).

CLMINSUR: Whether the claimant was insured at the time of the accident (1 = Yes, 0 = No).

SEATBELT: Indicates if the claimant was wearing a seatbelt during the accident (1 = Yes, 0 = No).
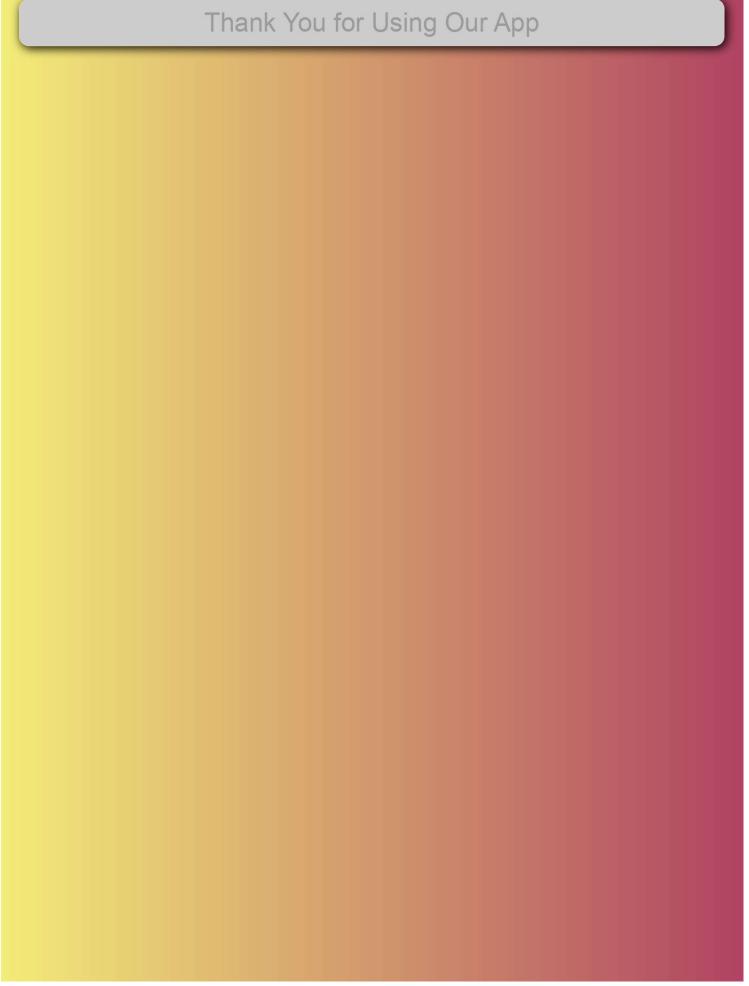
LOSS: The financial loss associated with the claim.

Accident_Severity: Categorical variable describing the severity of the accident (Minor, Moderate, Severe).

Policy_Type: The type of insurance policy (Comprehensive, Third-Party).

Settlement_Amount: The amount paid after settlement.

Enter Input Variables

CLMSEX

1.00	−	+

SEATBELT

1.00	−	+

CLMINSUR

1.00	−	+

Accident Severity

1.00	−	+

Claim Approval Status

1	−	+

Settlement Amount

0.15	−	+

Policy Type

1.00	−	+

Driving Record

0.00	−	+

Predict

Thank You for Using Our App