

Attribute	Role	Level	Definition	Rejection Reason
Gender	Input	Binary	Code indicating the claimant's gender (F, M)	
Fraudulent_Claim	Target	Binary	Code indicating if the claim was fraudulent (Y/N)	
Claim_Amount	Input	Interval	Total amount paid for the claim	
Annual_Premium	Reject	Interval	Annual premium amount for the policy	Instructions - Indicator of cause and impact, not of fraud
Monthly_Premium	Reject	Interval	Monthly premium amount for the policy	Instructions - Redundant, 1/12th the Annual Premium
Months_Since_Last_Claim	Reject	Interval	Number of months since the last time the claimant had a claim prior to this claim	Instructions - Indicator of cause and impact, not of fraud
Months_Since_Policy_Inception	Reject	Interval	Number of months since the insured began policy coverage	Instructions - Indicator of cause and impact, not of fraud
Outstanding_Balance	Reject	Interval	Remaining balance owed on the vehicle by the claimant at the time the claim occurred	Instructions - Indicator of cause and impact, not of fraud
Income	Rejected	Interval	Annual income of the claimant (in USD)	Found to be highly associated with unemployment employment status, and concentration of zero values decreased model performance
Claimant_Number	ID	Nominal	Unique identifier assigned to each claim	
Education	Input	Nominal	Level of education attained by claimant (High School or Below, College, Bachelor, Master, Doctorate)	
Employment_Status	Input	Nominal	Employment status of the claimant (Employed, Unemployed, Medical Leave, Disability, Retired)	
Marital_Status	Input	Nominal	Marital status of the claimant (Divorced, Married, Single)	
State_Code	Input	Nominal	Two-letter state abbreviation where the claim occurred	
Vehicle_Class	Input	Nominal	Type of automobile damaged as a result of the claim incident (Two-Door Car, Four-Door Car, Luxury, SUV, Luxury SUV, Sports Car)	
Vehicle_Size	Input	Nominal	Category indicating the size of the vehicle that was damaged (Compact, Midsize, Luxury)	
Claim_Cause	Reject	Nominal	Cause of the claim (Collision, Fire, Hail, Other, Scratch/Dent)	Instructions - Indicator of cause and impact, not of fraud
Claim_Date	Reject	Nominal	Date when the claim occurred	Instructions - Indicator of cause and impact, not of fraud
Claim_Report_Type	Reject	Nominal	Code indicating how the claim was reported (Agent, Branch, Call Center, Web)	Instructions - Indicator of cause and impact, not of fraud
Location	Reject	Nominal	Categorical location where the claimant resides (Residential, Suburban, Urban)	Instructions - Indicator of cause and impact, not of fraud
State	Reject	Nominal	Name of the state where the claim occurred	Instructions - Redundant, can use state code
Vehicle_Model	Reject	Nominal	Model of the vehicle that was damaged (Chevrolet, Ford, Honda or Toyota)	Instructions - Indicator of cause and impact, not of fraud