Description

Description of the dataset for the project Insurance companies invest a lot of time and money in optimizing their pricing and in accurately estimating the probability that clients will file a claim. In many countries, it is mandatory to have car insurance in order to drive a vehicle on public roads; thus, the market is very large! Knowing all this, the car insurance company *On the Road* has enlisted your services to build a model to predict whether a client will file a claim during the insurance period. They have provided their customer data in the form of a csv file called `car_insurance.csv`, along with a table detailing the column names and descriptions below.

Column	Description	Values
id	Unique identifier of the client	
age	Age of the client	16-15, 26-39, 40-64, 65+
gender	Gender of the client	0: Female, 1: Male
driving_experience	How many years has the client been driving?	0-9, 10-19, 20-29, 30+
education	Education level of the client	No education, High school, University
income	Income level of the client	Poverty, Working class, Middle class, Upper class
credit_score	Credit score of the client	Between zero and one
vehicle_ownership	Vehicle ownership status of the client	0: Does not own their vehicle (paying off finance), 1: Owns their vehicle
vehicle_year	Year of vehicle registration	0: Before 2015, 1: 2015 or later
married	Marital status of the client	
children	Number of children of the client	
postal_code	Postal code of the client's address	
annual_mileage	Number of miles driven by the client each year	
vehicle_type	Car type	Sedan (Berline), Sports car
speeding_violations	Total number of speeding tickets received by the client	
duis	Number of times the client has been caught driving under the influence of alcohol	
past_accidents	Total number of previous accidents the client has been involved in	
outcome	Whether the client has made a claim with their car insurance	0: No claim, 1: Made a claim