# **Vehicle Insurance Cross Selling**

Function: #Insurance | Industry: #Automobile Industry



### Goal

- To improve up-sell and cross-sell processes in the insurance industry.
- · To increase the breadth of coverage within a single category of insurance products.
- To offer different types of insurance coverage to meet different customer needs.

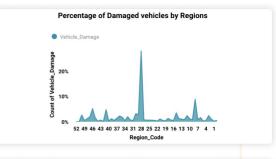
### Technique

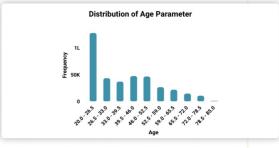
- Statistical Analysis
- Sampling Techniques
- · Classification Algorithms
- Visualisation

### Impact

- Increased sales and revenue through precise predictions and focused communication.
- · Boosted conversions for the Vehicle Insurance product line and driving business growth.







# **Value Points**

Understand the what, why, when, where & how

### GenderBased Analysis of Vehicle Insurance Purchas Gender based analysis of Vehicle Insurance Purchase

Exploratory data analysis enables business owners to derive meaningful insights and making better data-driven decisions as opposed to intuitive ones.

### **Exploratory Analysis**

**Exploratory Data Analysis** On The Preprocessed Data To Derive Meaningful Data Insights



## **Feature Engineering**





### Feature engineering extracts best features for our analysis and further modelling

Feature engineering has a direct impact on the performance and adaptability of machine learning models, contributing to better decision-making and cost savings.







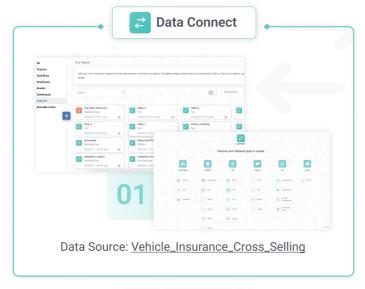
Applied multiple classification algorithms and then based on accuracy metric best fit is identified

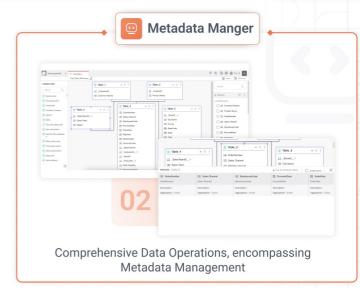
Classification model helps the company to plan its communication strategy to reach out to those customers and optimise its business model and revenue.

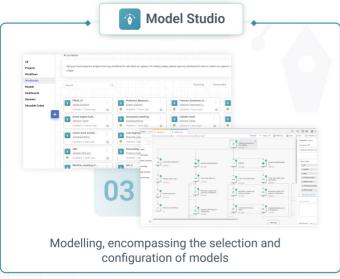
## Multi Persona DSML Platform

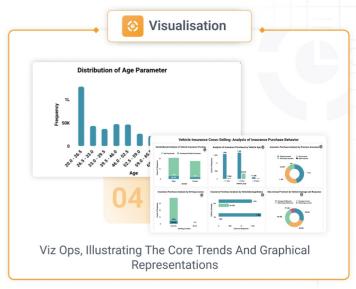
For all your data needs- Data Engineering, Data Science, Data Visualisation, IoT





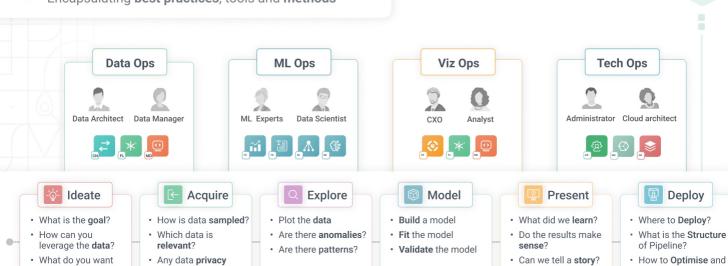






# **Agile Data Science**

Encapsulating best practices, tools and methods



to predict?

issue?

Scale?

Deploy