

[Link to Tableau Project](#)

https://public.tableau.com/app/profile/divya.vikram1917/viz/DVT_Divya_Final/Overview?publish=yes

Summary of the DVT

Assumptions /Field Changes

- 1) Fields Driver's age, YOJ slabs, and Age group calculations will lead to number of years/age computed as of 2023
- 2) The Car age of -3 is imputed to 0 for better visualization
- 3) Amount is in dollars
- 4) Travel time is in Minutes
- 5) Fields Clm_Amt, OldClaim are renamed as new Claim amount and Old Claim Amount
- 6) Values F and M in gender column renamed as Female and Male respectively

The Story has 8 Dashboards

Overview -Visualizing the customer landscape
Age Group- Visualizing the impact of Drivers Age on Claims
Occupation Vs claim- Visualizing the impact of Drivers Occupation on Claims
Education Vs Claim- Visualizing the impact of Drivers Education on Claims
Gender VS Claim- Visualizing the impact of Drivers gender on Claims
Car Frequency Vs Claims- Visualizing the Claim frequency
Car Type Vs Claims- Visualizing the impact of Car Type on Claims
Old Vs New Claims- Visualizing the Old Vs new Claim patterns
Summary-Insights/recommendations

There are a set of calculated fields/Actions/Parameters listed down as below:

Calculated fields

- 1.Driver's Age-To calculate driver age
- 2.Age Group-To bucket the driver into age groups
- 3.YOJ slabs- To bucket the YOJ into slabs
- 4.Income slabs- To bucket the Income into slabs
- 5.Claim Freq Bins- To bucket the claim Frequency to Bins
- 6.TravTime bins- To bucket the travel time into chunks of 10 mins each
- 7.Car_Param-To toggle between Multidimensions Car Parameter
- 8.Cust_Param- To toggle between Multidimensions Customer Parameter
- 9.Total Claim amount-Sum of New Claim and Old Claim Amount
- 10.Old/New/Total- To toggle between Multidimensions Old Claim, New claim and Total claim
- 11.Bluebook Slabs- To bucket the Bluebooks into slabs

Actions created :

- 1.Action(Age Group)
- 2.Action(Occupation)
- 3.Action(Education)
- 4.Action(Gender)
- 5.Action(Car type)
6. Action(Claim Freq)
7. Filter(Claim Freq)

Parameters created:

Top N Claimers-To Filter based on Top N customers
Car Param- Multidimensions Car Parameter
Cust Param Multidimensions Customer Parameter
Old/New/Total-- Multidimensions Claim Parameter