

# High Level Report

## Analyzing Travel Insurance Data

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## Abstract

Travel Industry had suffered a great deal due to Covid-19. However People are still traveling. However, everyone wants security. Especially in Travel Industry where often passengers are faced with unnecessary delays or other immigration issues or some other reasons leading to missed flights topping up with non-refundable flights. In addition, closing borders adds to the issue. So, people take up insurance. However, from the perspective of Insurance industry, if claims are very high, it isn't considered very good thing. So, it is very important to analyze Insurance data to acquire insights.

## 2 General Description

### 2.1 Problem Statement

We inspect agency (or point of sale), gender and age of insurance purchaser, destination of travel etc. The objective of the project is to perform data visualization techniques to understand the insight of the data. This project aims apply matplotlib visualizations and also Tableau to get a visual understanding of the data.

### 2.1 Tools Used

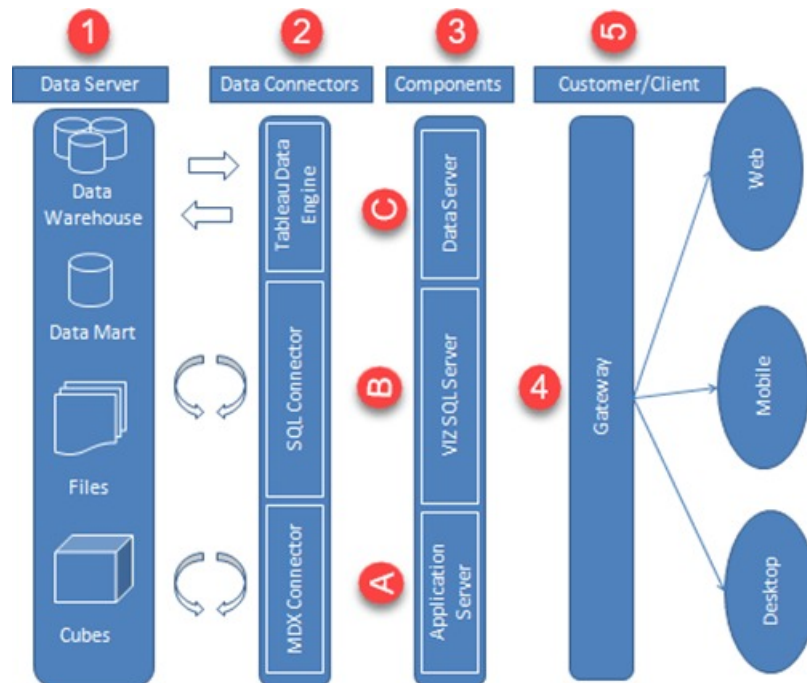


Business intelligence tools mentioned above have been used for the entire project.

## 3. Design Details

### 3.1. Process Architecture

This was my opportunity to take to learning Tableau further. As a result, I have decided to use it last, after having studied the data first in colab environment.



### **3.2. Some Important details**

For this Project, we have solely used Tableau.

#### **3.2.1. Deployment:**

We have first used Tableau offline after downloading it to local machine and building the charts offline.

Then, we uploaded it to Tableau Public and now, for editing any part, we can do it there.

### **3.3. The KPIs deployed on the dashboard:**

We have incorporated 6 charts in our dashboard:

- a) Which agency type does most business.
- b) Which age bin [10 years span] purchases the most number and amount of Insurance
- c) Gender, age wise Products Purchased
  - c1) Including destination and agency type details
- d) Claims made gender and age wise; for each product type.
- e) Which Product type yields maximum commission
- f) Product type depending upon length of travel duration and agency type for each gender.