**Guide Lines:**

Who asked the client to provide the data? You

How you arrived KPI’s to request data from the client? Based on your discussions with client

While request a data itself, you have clear understanding of “**Problem Statement**”

We need to validate the data??? – We will create an automation process to validate the data

If any missing values are in the dataset, we will find the missing values by using different queries

Against the production database. We are not interested to use the mutation technique.

What are the KPI’s as a part of **Exploratory Data Analysis?**

What are the solutions identified from existing master dataset? Outliers for each variable

1. Exploratory Data Analysis – Master dataset (Any missing values, identifing the outliers,

Creation of dummy variables, identifing the variables for data normalization, **Nice KPI’s**)

1. We can calculate the New policies count for last 6 months – trend analysis by using ETS (exponential Triple Smoothing Methos) (Predict the data for next 6 weeks) – You need to prepare the dataset (**File01**)
2. Predicting the (**Regression Analysis – 8 methods**) new Policy premiums (**File02**)
3. Classification Problem (Claims) – All Claims data remove 0 by queries- Identifying the claims records (**File03**)

Demo Presentation – 10 to 12 slides