**Machine Learning and Data Mining Model for Automated Computerized System**

**Content**

1. Introduction
2. Data Acquisition
3. Data Visualization
4. Data Preparation
5. Selecting a model
6. Fine Tuning the Model
7. Presenting Data
8. Binding to the Main Software
9. Monitoring and Improving the System

**Introduction to ML and DM Model**

Victa Towers is a startup Manufacturing company working in chemical and herbal products such as washing powder,Cleaning solutions,tea etc.where as it has large scale distributions with only a small number of employees.As per this project we developers are trying to automate their manufacturing and distribution process without increasing the number of employees.

As the Machine learning and Data Mining Model of the project, development of a system to predict the future sales of the company will be developed.Here the development team will see

1. how much manufacturing of a given product is happening at the moment
2. How Much sales of a given product is happening at the moment

Then by using these two pieces of information the idea is to develop a system that will predict how much product should be produced in the upcoming few days, according to the sales that happened in the past.

By developing this system we are able to

1. Reduce the wastage of production
2. Reduce Employer Overworking nature
3. Economical Advantages
4. Identify the Trends Opportunities and Threats in the Distribution System
5. Identifying the Weaknesses and Strengths of the system