

A Competent Professional over **2.5 years** experience in **Data Analysis** and understanding, interpreting data to draw conclusions for managerial actions and strategy using Machine Learning knowledge.

## SKILLSET

Hypothesis Testing, Regression, Clustering, Classification, Statistics, Exploratory Data Analysis.

## Technology

SQL (Netezza ,MYSQL), Basic Python, Tableau, Excel ,MS Office,KNIME

## EDUCATION

**B.Tech | Mechanical Engineering | 2016**

Institute of Technical Education and Research - **CGPA, 8.94**

**12th Grade | Science | 2012**

DAV Public School - 84.8%

**10th Grade | 2010**

DAV Public School - **CGPA, 9.2**

## AWARDS

**2- SERVICE COMMITMENT AWARDS**

**1 - STAR OF THE MONTH AWARD**

## WORK EXPERIENCE (TATA Consultancy Services, March 2017 – Present)

### System Engineer (March 2019 – Present)

#### **Churn Prediction Model:**

- Identified the customers who are likely to leave within next 30-45 days with special attention toward the valuable customers
- Developed model using K-Fold Decision Trees in python by using their past 6 months behaviour and transaction with the company

#### **Customer Retention Model by understanding Buying Pattern :**

The Business existing framework of tracking customer purchase behavior was unable to capture insights for the diverse set of customers

- Built Linear regression model on the active customer account base to predict next purchase. Also we built logistic regression for inactive customer account base to predict the probability of next purchase
- As a result different significant drivers were identified for calculating actual gaps like avg revenue per year, number of transactions etc

#### **Defect Detection Model:**

Developed a POC model using Linear Regression in Python to predict number of defects that may come up in upcoming build based on 12 month data collected.

- It helped to get escape defect trend as well as reduce the breach by 20%

### Asst. System Engineer (March 2017 – March 2019)

#### **Vulnerability Management Project:**

Worked in Cyber Security Project in Vulnerability Management team for a consumer sector client. Used Qualys as tool for vulnerability detection of assets. Provide Reports with detail solutions on critical and urgent issues to client

## COURSES AND CERTIFICATE

### **Post Graduate Program in Data Science and Business Analytics (2020-2021):**

Dual Degree from Great lakes institute of management and UT Austin,Texas

**Business English Certificate From Cambridge University, UK**

## LANGUAGES KNOWN:

English, Hindi.