

# Shubham Rawal

Roha | 9096836402

I am an Aspiring Data scientist expert in machine learning, proficient in data preprocessing, model development, and evaluation.

## SKILLS

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**Machine Learning:** Linear regression, Logistic regression, Decision tree, Random Forest, Support vector machine, AdaBoost, Hypothesis testing, KNN, Statistics, K Mean Clustering

**Python:** NumPy, Pandas, Scikit-Learn, Seaborn, Matplotlib, Flask, Data Visualization, List, Dictionary

**NLP:** Text understanding, representation & classification techniques, Text clustering skills.

**Deep Learning:** - Neural Networks, Deep Learning, ANN, CNN, Keras, Computer Vision, Back Propagation, Linear Algebra, Activation & loss functions.

**SQL :-** 3C(Command, Constrains, Clauses), CRUD operations, Subqueries, Window functions, Joins.

**Advanced MS Excel :-** Conditional Formatting, Data Validation, V-lookup, Nested If else, Charts, Advanced Sorting and Filtering.

**AI Tools :-** Norton Genie, Webchat GPT, Cloud AI .

## EXPERIENCE

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### Senior Executive

### Sudarshan Chemical Industries pvt.ltd

Present

- Developed and implemented machine learning models to solve complex business problems.
- Collaborated with cross-functional teams to gather and analyse data, ensuring high-quality inputs for model development.
- Conducted exploratory data analysis and feature engineering to extract relevant insights and improve model performance.
- Optimized and fine-tuned models to enhance performance.
- Hands-on experience on SQL to fetch the data.
- Creating Macros in MS Excel with the help of Chat GPT 3.5.
- Knowledge of SAP (PO, Job Notifications, PM)
- Prepare RCA and CAPA for critical breakdowns and execution of control measure and actionable.
- Monthly monitoring and analysis of PM compliance and AMC compliance.

## EDUCATION

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**Mechanical Engineer**

Savitri Bai Phule Pune University

**Pune, INDIA**

Aug 2012 to June 2016

## PROJECTS

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### Steel Selling Price

"Develop a machine learning model to accurately predict steel selling prices based on various factors, such as production costs, market demand, and competitor pricing. The goal is to provide insights that enable effective pricing strategies, maximize profitability, and maintain a competitive edge in the steel industry."

### Consumer Complaint

"Create a system to effectively handle and address consumer complaints, ensuring prompt resolution and customer satisfaction. The objective is to improve the overall customer experience, minimize negative feedback, and maintain a positive brand reputation."

### Churn Modelling

"Develop a churn prediction model to identify customers who are likely to cancel their subscription or stop using a service. The aim is to proactively target and retain high-risk customers, reduce churn rate, and optimize customer retention strategies."

## CERTIFICATE

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- **Google Data Analytics**
  - **Advanced MS Excel**
  - **Power BI**
  - **SQL**
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