# Sakshi Lal

#### Data Analyst

Adaptable and result-oriented data analyst with over 4 years of experience, dedicated to posing and answering questions with data-driven insights. Experienced in leveraging large datasets to develop scalable and efficient machine learning solutions. Possesses strong problem-solving and communication skills, demonstrating the ability to collaborate effectively with cross-functional teams. Proficient in Python, R, and SQL. Experienced in developing technical documentations, visualizations, and providing data insight to drive strategic decision-making.

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#### **WORK EXPERIENCE**

## **Data Analyst**

Xpressbees Pvt. Ltd.

07/2022 - Present

Bangalore

Achievements/Tasks

- · Built several Dashboards on Power BI to monitor daily performance KPI's(e.g. Attempt%, Delivered%, Speed) reducing the manual work by 5-6 hours.
- Developed and optimized several SQL scripts and complex queries for data analysis.
- · Collaborated with clients to understand their business needs and provided data driven solutions.
- Developed and Implemented a Clustering based machine learning model to build an Optimized Incentive structure reducing the attrition rate of SRs by more than 12%.
- · Developed KPIs to monitor the performance of locations, optimized shipment cycle operations which resulted in a reduction of breach rate from 30% to 23% and an increase in the First Attempt Delivery by 8% to 10%.
- · Analyzed 1lakh+ vendors to help the company identify/eliminate faulty vendors which improved the overall performance by 5% to 6%.

### **Software Analyst** Capgemini

11/2019 - 06/2022

Bangalore

Achievements/Tasks

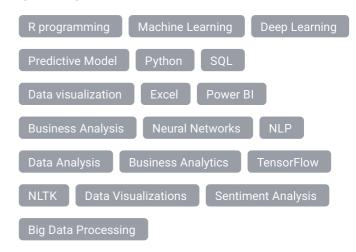
- Designed and implemented a data preprocessing pipeline to clean and transform raw data, reducing data cleaning time by 40-50% and improving data quality for building machine learning models.
- Built visualizations in Python and Power BI to analyze Customer's purchasing patterns and pain points and presented the insights to technical and non-technical stakeholders helping the clients to improve their profits.
- o Collected, cleaned and prepped data using SQL and Python to produce actionable reports for the clients.
- · Performed data analysis and feature engineering to identify key factors influencing customer churn, leading to the development of a predictive model that reduced churn rate by 20%

#### **EDUCATION**

CMRIT - Visvesvaraya Technological University

07/2015 - 06/2019

#### **SKILLS**



#### PERSONAL PROJECTS

#### **Health Insurance Renewal Prediction**

 Predict insurance policy renewals for existing customers using regression and classification models.

#### Road Accident Severity

 Successfully developed end-to-end machine learning solution to predict the severity of road accident.

#### Loan Approval

• Used machine learning techniques to build a model that predicts whether or not a loan application will be approved based on information about the loan applicant and the loan itself.

#### House Price Prediction

• Developed regression model to predict the price of a house based on available features and evaluated it by accuracy and F1-score

#### Sentiment Analysis on Customer reviews

 Developed a natural language processing model to perform sentiment analysis on customer reviews using RNN, LSTM.

#### **CERTIFICATES**

Post Graduation in Data Science and Business Analytics-(12/2021 - 12/2022)

Great Lakes ,Chennai & University of Texas

#### **LANGUAGES**

English Full Professional Proficiency Hindi

Full Professional Proficiency