

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.
- 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

B.Tech

CMRIT - Visvesvaraya Technological University

07/2015 - 06/2019

SKILLS

R programming

Machine Learning

Deep Learning

Predictive Model

Python

SQL

Data visualization

Excel

Power BI

Business Analysis

Neural Networks

NLP

Data Analysis

Business Analytics

TensorFlow

NLTK

Data Visualizations

Sentiment Analysis

Big Data Processing

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