

VIKRAM. S

Data Analyst / Data Scientist

Salem | Ph. no: 9384545123

Email: vikramsekar2305@gmail.com

[linkedin.com/in/vikram-sekar](https://www.linkedin.com/in/vikram-sekar)

CAREER OBJECTIVE

I am a data science professional with experience in data analysis, machine learning, and predictive modeling. I am passionate about data and its potential to impact business decisions. I am excited to leverage my skills in data science to help organizations achieve their goals. Seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge, and leverage my learnings.

EDUCATION

M.Sc. Data Analytics

Bharathiar University

Relevant Coursework: Data Analysis, Machine Learning, SQL

Expected May 2024

Coimbatore

CGPA: 7.0

B.Sc. Actuarial Mathematical Science

Bishop Heber College

Relevant Coursework: Probability and Statistics

May 2022

Tiruchirappalli

CGPA: 8.1

TECHNICAL SKILLS

Languages: Python (NumPy, Pandas, scikitlearn, Matplotlib) | R (dplyr, ggplot) | SQL (Fundamental Level)

Development Tools and Technologies: Tableau, MS Excel, R Studio.

Areas - Data Preparation, Analysis, Visualization, Model Building, Machine Learning

VIRTUAL INTERNSHIPS

KPMG AU Data Analytics Job Simulation on Forage - February 2023

- Assessed data quality and completeness in preparation for analysis
- Analyzed data to target high-value customers based on demographics and attributes
- Developed dashboards to communicate findings with visuals

UNIVERSITY PROJECTS

FRAUDULENT INSURANCE CLAIMS DETECTION

Nov 2023

- Utilized Decision Trees and Random Forests for insurance fraud detection, addressing class imbalance via resampling.
- Implemented Streamlit for interactive model deployment, allowing real-time predictions.
- Conducted EDA, feature engineering, and achieved 75% accuracy.

DRUG CLASSIFICATION USING DECISION TREES AND RANDOM FORESTS

Oct 2023

- Applied Decision Trees and Random Forests to classify drug into categories based on medical attributes.
- Utilized Python, pandas, NumPy, and scikit-learn for data analysis, model development, and evaluation.
- Conducted data preprocessing, handling missing values, and employing label encoding for categorical variables.

SENTIMENT ANALYSIS FOR AMAZON PRODUCT REVIEWS

Oct 2023

- Conduct sentiment analysis on Amazon reviews using NLP techniques.
- Applied logistic regression and random forest models, focusing on data preprocessing and feature engineering.
- Enabled real-time sentiment predictions, achieved practical insights from exploratory data analysis, and successfully classified sentiments with 77% accuracy.

SMART INDIA HACKATHON 2023

EMOTION & STRESS CLASSIFIER Problem Statement: SIH1363

- Conceptualize an innovative emotion and stress classification system leveraging computer vision, RNN-based audio analysis, and NLTK text processing.
- Devised novel methodologies for integrating facial expressions, voice patterns, and textual data, providing a comprehensive understanding of user emotions.
- A system that understands emotions and stress using cameras, listening to your voice, and reading what you write.

CERTIFICATIONS & TRAINING

- Data Analysis with Python, Cognitive Class
- Fundamentals of Visualization with Tableau, coursera
- Business Analytics with Excel, simpli learn
- Data Base management System, NPTEL

ADDITIONAL INFORMATION

- Language Known:** English, Tamil