

K Sai Krishna

Data Analyst

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To seek challenging assignments and responsibilities with an opportunity of developing myself and contribute significantly to the growth of organization, hence enhancing my skills, knowledge, and ready to learn new things.

Work Experience

Data Analyst

Innodatatics - Hyderabad, Telangana

July 2019 to Present

A Data Analyst with 2 years of IT experience in various Analytical projects. Leveraged comprehensive technical acumen and problem-solving skills to create strategies and plans for Python development projects.

Provided technical support and training for various programs and processes on multiple platforms

Good experience with analysis, design, development and customization.

Dealing with huge datasets involving logical operations and conversions into other formats and making it available for the downstream applications.

Deploying of machine learning models using web frames like Flask and Django.

Education

Master's in MCA

Avanthi PG College - Hyderabad, Telangana

September 2016 to June 2019

Bachelor's in Statistics, Mathematics, Computer Science

R.K Degree College - Kamareddi, Telangana

June 2013 to June 2016

Skills / IT Skills

- Classification (Naive Bayes, KNN, SVM, Decision Tree, Random Forest, XgBoost, AdaBoost)
- Regression Models (Linear, Multiple, Logistic), Hierarchical, Non-hierarchical Clustering, Text Mining using NLP, and Association Rules
- Deep Learning(Artificial neural network(ANN), Convolutional neural network(CNN), Recurrent neural networks(RNN))
- Statistical Methods(Predictive Analysis, Exploratory Data Analysis, Inferential Statistics, Hypothesis Testing)
- Programming Languages(R and Python)

- Data visualization tools(PowerBI, Tableau)

Languages

- English - Expert
- Hindi - Fluent
- Telugu - Fluent

Projects / Papers Presented

Hospital operational Analysis on out-patients data

- Hospital data of 3 months having 10 Lakhs records with 24 variables like Patient's registration date, age, address, as well referred doctor on the specialists in category
- Billing information e.g. Bill no, Amount, billing operator and their ID's In Detail medical service provided 1032509 consists some duplicate Bill's due to some medical treatments/services for this we are implementing some of our machine learning techniques
- ML techniques used EDA, Linear Regression, AR, Exponential Smoothing, and forecasting-seasonal methods (additive method, multiplicative method and Holt's winter method). For visualization of understanding data used Tableau.

Chatbot for Automatic Queries Clarification.

- Built a Chatbot from scratch to Handle Customer queries, predict the category and assign ticket to respective team.
- To provide a brief overview of the technical architecture of the model of the Chatbot which will be built to automate the query resolution system.
- Implemented Machine Learning Algorithms like KNN, Naïve Bayes, SVM, Random Forest, Logistic Regression, Gradient Boosting, Decision Tree, Model Collaboration.

Mobile Wallet Fraud Detection

- Investigation of different modes of mobile wallet transactions, different variables involved to identify if a transaction is genuine or not.
- Built a database in SQL and created connection between python and SQL
- Cleaning of data in order to remove and replace errors such as similar timestamps between consecutive transactions
- Created derived variables such as velocity and time difference between transactions Executed feature engineering techniques to select suitable features.
- Performed stratified technique while splitting train and test data.
- Built different models using different algorithms and selected Random Forest classifier which has higher accuracy.
- Deployment of model with the help of flask.