Bandham Manikanta

Data Scientist

Data Scientist with a strong math background and 1.3+ years of experience in executing data-driven solutions and 3.5 years of experience as a Full-stack developer.Highly skilled in machine learning, predictive modeling, statistical analysis, EDA, and creative thinking.

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9493564675

Bangalore

SKILLS

Python

Machine Leaning

Linear Regression

Logistic Regression

Support vector machine

Random Forests

Decision trees

Naive Bayes

XG Boost

KNN

Conv. Neural networks

Deep Learning

Java

SQL

Angular 7

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Native or Bilingual Proficiency

INTERESTS

Reading

Travelling

WORK EXPERIENCE

Data Scientist
CenturyLink, IN

04/2019 - Present

Python, Statistics, Pandas, Numpy, Sklearn, Matplotlib, Seaborn, Flask, MySQL, Oracle, NN, Docker.

Full-stack software developer
CenturyLink, IN

06/2018 - 03/2019

Java, Angular 7, Spring boot, Docker, MySQL, Jenkins, Git, Jira, Linux, Powershell, GraphQL

Back-end developer
UST Global, IN

12/2015 - 05/2018

Java, Spring Boot, Oracle, Jenkins

PROJECTS

Fraud CDRs detection (04/2019 - 08/2019)

- The aim of this project is to detect fraud CDRs in the telecommunication industry.
- **Technology/Tools:** Python, Sklearn, Pandas, Numpy, Matplotlib, Seaborn and Flask.
- Involved in driving the entire project life cycle from gathering business requirements, scoping possible solutions to implementing, and presenting actionable insights from analyses to business stakeholders.
- Participated in data gathering from various data sources and performed data exploration to find out the missing & outliers.Applied statistical techniques to impute the missing data.
- Participated in creating forecasting models for predictions and performing cross-validations to find out the right tuning parameters.
- Algorithms used: **Logistic Regression, SVM, Naïve bayes classifier, KNN, Decision Trees, Random Forest**
- Perform Model validations and create an interface for hosting the Model.

Osmose towers Damage rate prediction (09/2019 - 02/2020)

- The aim of this model is to predict the damage rate(corrosion) of mobile towers (Steel & Wooden).
- **Technologies/Tools:** Python, Pandas, Numpy, Sklearn, Matplotlib, Seaborn, Flask & MySQL database.
- Involved in entire project life cycle from requirement gathering to model deployment to production.
- Performed data gathering from sources and participated in data preprocessing techniques in order to make the data useful for Machine learning models.
- Applying statistical techniques to impute the missing data and performing exploratory data analysis on the data to find out the insights within the data.
- Deriving the insights from the data and deciding the right Machine learning algorithm based on the analysis.
- Created models that predict the damage rate of towers and calls out the structure for maintenance and achieved the **RMSE** of **4** and reduced the tower maintenance expenses by **20%**.
- Performed cross-validations to find out the right tuning parameters for the model.
- Algorithms used: **Random Forest, Linear Regression, SVM/SVR, XGBoost, and Decision trees.**

Priority Predictor - Support tickets (03/2020 - Present)

- The aim of this model is to predict the priority of support tickets based on various factors.
- **Technologies/Tools:**Python, Pandas, Numpy, Sklearn, Matplotlib, Seaborn, & SQL.
- Collecting the data from various data sources like MySQL and Oracle databases.
- Exploring the data to find the trends within the data using visualization and statistical techniques.
- Create forecasting models for future predictions and applying cross-validation techniques to find the best hyper-parameters for the model.

EDUCATION

B.Tech - 77%
Jawaharlal Nehru Technological University Anantapur