

Tejeswara Sai Reddy Karri

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PROFILE

Computer Science Degree Graduate with Specialization in Data Analytics from Asia Pacific University, Kuala Lumpur, Malaysia. Possesses excellent communication skills, teamwork abilities and highly diligent. Looking forward for an opportunity to work in a relevant position in any organization where I can learn and contribute.

WORK EXPERIENCE

Data Science Intern

Jan 2024 – Till Date

Innomatics Research Labs  | Remote

- Conducted Real time Intern Demographic Analysis and misconduct identification with Levenshtein distance with to fix spelling mistakes.
- Performed Analysis of Pizza Store performance, understanding peak performance products, capacity planning to ensure timely deliveries, examined revenue generation.
- Conducted an open-ended EDA on the AMCAT dataset, focusing on understanding the various features with Salary Target variable. Tested hypothetical claims made by a Times of India article regarding Salary of Graduates.
- Created a simple Regex Mather and Email Verification Flask Web Application and performed sentimental analysis on Flipkart reviews using Machine Learning Algorithms including deployment of the application and model in an EC2 instance.

Data Analytics and Web Intern

Oct 2022 – Jan 2023

Asian Football Confederation  | Kuala Lumpur, Malaysia

- Strategically optimized tableau dashboards containing football tournaments data, improved data integration by 20% via Web Data Connector in Tableau and replicated 40% of Google Analytics Dashboard in Tableau.
- Enhanced existing Power BI Dashboard related to club financing by 15%
- Developed a user registration system for providing complimentary tickets to employees using XAMPP toolkit, PHP, HTML, CSS, JS, MySQL. Developed pages like sign in, sign up and forgot password page with email OTP verification.

PROJECTS

Sri Lanka House Price Prediction (Machine Learning)

[View in GitHub](#)

Analyzed and pre-processed a house price data set from Sri Lanka using Python (Data Mining). Trained and Evaluated 3 ML Algorithms: Random Forest, Support Vector Regression, XGBoost for prediction and developed a simple website to deploy the best model.

Sentimental Analysis of Flipkart Customer Reviews

[View in GitHub](#)

Performed Data Cleaning using NLP techniques and Feature Extraction using BOW and Tfidf Vectorization. Created pipelines to train, evaluate and perform hyper parameter tuning on various algorithms such as Logistic Regression, Random Forest Classifier, Decision Tree Classifier, Naive Bayes Classifier, Support Vector Classifier (SVC), and K-Nearest Neighbors (KNN). The best model is deployed into a web app in AWS EC2 Instance.

Twitter Sentimental Analysis with NLTK

[View in GitHub](#)

Analyzed Supervised Text Classification of tweets from a Kaggle dataset using NLP with Python. Did Data Prep and EDA. Created 3 models Naive Bayes, SVM and Linear Regression to find the best model.

Exploratory Data Analysis on AMEO Data Set

[View in GitHub](#)

Conducted an open-ended EDA on the AMCAT dataset, focusing on understanding the various features with Salary Target variable. Explored the relationship between gender and specialization preferences among individuals in the AMCAT dataset. Tested the claim made in a Times of India article regarding the salary of graduates.

CERTIFICATIONS

Microsoft Certified: Azure Data Fundamentals

[View credentials](#)

EDUCATION

Bachelor of Science (Hons) Computer Science (Data Analytics) Dec 2020 – Nov 2023
Asia Pacific University of Technology and Innovation.

CGPA: 3.45/4

SKILLS

R | Microsoft SQL Server | Python | Power BI | Tableau | Pandas | NumPy | NLP
| SAS Enterprise Miner | Microsoft Office Suite | HTML | CSS | JavaScript | PHP | Cloud
Fundamentals | Flask | MLOps | EDA | Machine Learning | Deep Learning | NLP | AWS EC2