CHANDRA KUMAR REDDY M

DATA SCIENTIST

CONTACT

+91 70320 63045

mandireddychandrakumar@gmail.com

www.linkedin.com/in/chandra73

www.github.com/chandra894

chandra894.github.io

EDUCATION

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE AND TECHNOLOGIES

2020 - 2024

- Bachelor of Technologies
- GPA: 8.8/ 10.0

TECHNICAL SKILLS

LANGUAGES

- Python (Pandas, Numpy, Matplotlib, Seaborn, Scipy)
- SQL (My SQL, SQL Server, PostgreSQL)

FRAMEWORKS

- Scikit-Learn
- TensorFlow
- Streamlit

TOOLS

- Git
- Tableau
- Excel
- Power BI

CERTIFICATIONS

- Data Analytics Course - CEDLEARN
- SQL (Intermediate) - Hacker Rank

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Telugu (Fluent)

PROFILE

Results-driven Data Scientist with internship experience as a **Data Analyst**, specializing in **Machine Learning**, **Predictive Analytics**, **SQL**, **Python** and **Power BI**. Experienced in **developing** and **deploying models** to derive actionable insights and solve complex problems, driving impactful business solutions.

WORK EXPERIENCE

- **Data Analyst Intern** DEC 2024 - FEB 2025
  CEDURA Testsol
  - Gained proficiency in **Python** and **machine learning** techniques through hands-on projects and real-world applications.
  - Led the development of an **Excel-based automated system** to track employee biometric details, enhancing accuracy and reducing manual effort.
- **Graduate Engineer Trainee** JULY 2023 - JAN 2024
  KIA INDIA
  - During my tenure in the **Rear Bumper Assembly** Department at KIA India, I honed my skills in precision engineering, effective **teamwork**, and **cross-functional collaboration** to ensure seamless production processes and high-quality output.

PROJECTS

- **Loan Approval Prediction System**
  - Designed a loan eligibility prediction system, achieving good accuracy by applying the **CRISP-DM methodology**.
  - Engineered and optimized models using **Logistic Regression**, **KNN**, **SVM**, **RF**, **AB**, **GB**, **XGB**, and **ANN**.
  - Developed a user-friendly web interface with **Streamlit**, enabling real-time loan eligibility predictions.
- **Fake news detection**
  - Created an interactive app to classify news as "Real" or" Fake" using **Streamlit**.
  - Employed **NLTK** for text preprocessing, including **stop word removal** and **stemming**.
  - Leveraged a Naive Bayes classifier with **TF-IDF** for accurate text analysis.
  - Implemented a user-friendly interface for real-time predictions.
- **Algerian Forest Fires Analysis**
  - Implemented **Logistic Regression, Decision Tree, Random Forest, SVM, KNN, Naïve Bayes, and XGBoost** to predict fire occurrences.
  - Evaluated model performance using **confusion matrix, precision-recall, F1-score, and accuracy metrics**.
  - Compared classification models using **AUC-ROC** curve to identify the best-performing algorithm.

ACHIEVEMENTS

- AIU South Zone Football Tournament Participant (2024)