

ROHIT REDDY MANDADI

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[LinkedIn](#) | [GitHub](#) | Portfolio

CAREER OBJECTIVE

Detail-oriented and analytical-minded Data Analytics professional with a strong foundation in statistical analysis, data visualization, and machine learning. Passionate about transforming raw data into actionable insights to drive business decisions and innovation. Proficient in SQL, Python, and data visualization tools, with a keen eye for patterns and trends. Seeking an entry-level role to apply analytical skills and contribute to data-driven strategies that create meaningful impact.

EDUCATION

Bachelor of Engineering (CSE) - MVSREC (OU) | Dec 2020 – Nov 2024CGPA: 6.68

Relevant Coursework: Data Structures, Machine Learning, Data Science, Database Management Systems, Data Mining, Operating Systems, OOP using Java

12th Class - Telangana State Board of Intermediate Education, Ideal Junior College | Mar 2018 – Mar 2020Percentage: 65%

10th Class - Board of Secondary Education, Sri Chaitanya School | Mar 2017 – Mar 2018CGPA: 8.0

SKILLS

- **Programming & Scripting:** Python, SQL, C, C++
- **Data Handling & Processing:** Pandas, NumPy, SQL
- **Statistical Analysis & Machine Learning:** Scikit-learn, XGBoost
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Database Management:** MySQL, SQLite
- **Cloud Computing & Development Tools:** Google Colab, Anaconda, Git/GitHub
- **Image Processing & Advanced Techniques:** Grayscale image processing, Gaussian filtering, thresholding, Otsu's thresholding
- **Business Intelligence & Decision-Making:** Power BI, data mining techniques

CERTIFICATIONS

- Data Analysis and Visualization with Power BI - Microsoft (06/2024)
- Data Analytics Virtual Internship - AICTE-AWS
- AWS Academy Data Analytics and Cloud Foundations - AWS Academy Graduate (04/2023)

WORK EXPERIENCE

Oasis Infobyte – Data Analytics Intern | Feb 2025 – Mar 2025 | [Link](#)

- Data preprocessing and cleaning
- Exploratory Data Analysis (EDA)
- Data visualization (Matplotlib, Seaborn, Power BI)
- Machine learning basics
- Report generation and insights presentation
- Worked on projects related to EDA, data visualization, and predictive analytics

PROJECTS | [GitHub](#)

Retail Sales Data Analysis & Customer Segmentation | [Drive Link](#)

- Conducted EDA on retail sales data to uncover trends and customer behaviour.
- Developed a customer segmentation model using machine learning.
- Achieved a Mean Squared Error (MSE) of 0.1356 ($0.1 \leq \text{MSE} < 0.5 \rightarrow \text{Moderate}$).

Airbnb New York Listings Analysis & Price Prediction | [Drive Link](#)

- Analyzed Airbnb listings to identify pricing trends and demand distribution.
- Developed a classification model to predict price categories (Low, Medium, High) with 62.76% accuracy.

Wine Quality Prediction | [Drive Link](#)

- Built a classification model to predict wine quality based on physicochemical properties.
- Random Forest Model (69.43% Accuracy), Support Vector Classifier (63.76% Accuracy).

Credit Card Fraud Detection | [Drive Link](#)

- Implemented a fraud detection system using machine learning algorithms.
- Logistic Regression (90.86% Accuracy), Decision Tree (89.85% Accuracy), SVM (91.37% Accuracy).

Sentiment Analysis on Twitter Reviews | [Drive Link](#)

- Performed NLP-based sentiment analysis to classify customer feedback.
- LSTM (95.69% Accuracy), Shallow Neural Network (92.34% Accuracy), CNN (93.29% Accuracy).

ACADEMIC PROJECTS

Detection of Cardiovascular Disease using ECG Images (Nov 2023 – June 2024) | [GitHub](#) | [Deployment](#)

- Developed a deep learning model to diagnose cardiovascular diseases from ECG images (87% accuracy).
- Technologies Used: Grayscale Image, Gaussian filter, Thresholding, Otsu's Thresholding, Binary Image.

Flight Fare Prediction (April 2023 – July 2023) | [GitHub](#)

- Built a machine learning model to predict flight fares (Training Accuracy: 98.31%, Testing Accuracy: 87%).
- Technologies Used: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn.

PERSONAL PROJECTS & ACTIVITIES

Bank Customer Churn Prediction | [GitHub](#)

- Built an ML model to predict customer churn in banking.
- Technologies Used: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn.

Andhra Pradesh Elections Advanced Dashboard (Power BI) | [GitHub](#)

- Created an interactive Power BI dashboard to analyse election data.
- Technologies Used: Power BI, DAX (Data Analysis Expressions).

Credit Card Fraud Detection | [GitHub](#)

- Built a fraud detection system using ML algorithms.
- Technologies Used: Python, Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib, Seaborn.

Airbnb EDA & Power BI Dashboard | [GitHub](#) | [Power BI Dashboard](#)

- Conducted EDA on Airbnb booking data to identify booking patterns and customer preferences.
- Technologies Used: Python, Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib, Seaborn, Power BI.

HOBBIES

Learning and exploring emerging technologies

YouTube Channel: [MRR Tech Vlogs](#)