

Education

KKR & KSR Institute of Technology and Sciences, Andhra Pradesh

August 2020 – April 2024

- Bachelor of Technology in Computer Science and Engineering in Data Science.

GPA: 8.4/10

Experience

AI Variant | **Data Science Intern**

Remote | August 2024 - March 2025

- **Conducted in-depth Exploratory Data Analysis (EDA)** and **feature engineering** to support accurate predictions, significantly enhancing overall model performance. **Collaborated** on projects requiring the processing of large datasets, ensuring the resulting data provided the foundation for business support.
- **Developed predictive models** using **Python** (classification and regression techniques) to solve specific business problems, delivering improved performance and measurable results.

Codegnan IT Solutions | **Data Analyst Intern**

Remote | November 2023 - April 2024

- **Collected, preprocessed, and analyzed data** from real-world datasets, executing comprehensive data cleaning, transformation, and **visualization**.
 - I Systematized and computerized **data processing workflows** using **Python (Pandas, NumPy)** and **SQL**, improving reporting accuracy and reducing manual effort by **30%**.
 - I systematically analyzed **large datasets** using **Python-based analytics**, identifying key business trends and performance patterns to support **data-driven decision-making** for internal projects.
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Skills

Data Analysis & SQL: SQL (Exploration, Profiling, Cleansing, Transformation), Data Modelling.

BI & Visualization: Power BI, Dashboard Design, Documentation

Programming & Tools: Python (Pandas, NumPy, Matplotlib), Excel, Jupyter Notebook, GitHub

Cloud Platforms: Azure, MS Office, MS Power Point.

Soft Skills: Communication, Problem Solving, Adaptability, Attention to detail.

Projects

Data Analyst Portfolio | [Link](#)

GitHub Pages, HTML, CSS

- I developed a personal portfolio website showcasing real-world data analysis projects, including data cleaning, transformation, visualization, and reporting using SQL, Python, and Power BI.
- I designed and integrated interactive dashboards and case studies that highlight actionable business insights and demonstrate end-to-end analytical problem-solving skills.

Customer Personality Analysis | [Link](#)

Python (Pandas, Matplotlib) and Streamlit for FrontEnd

- Analyzed customer demographic and behavioral data to segment customers into distinct personality profiles, providing targeted marketing recommendations to support business strategy.
- **Executed comprehensive data preprocessing for data validation**, including handling missing values and feature scaling, which was critical for ensuring high model accuracy.

Voice Mood Detection | [Link](#)

Python (Pandas, Matplotlib, Pyaudio) and Streamlit for FrontEnd

- Developed an **AIML-based speech emotion recognition model**, achieving **85% classification accuracy** across five mood categories.
 - Engineered a robust vocal mood detection model, enhancing facial validity assessment consistency by **25%**. Executed efficient data preprocessing and feature extraction, significantly enhancing model training efficiency and reducing processing time.
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Certifications

- Deloitte Data Analytics and Visualization
- Applied Data Analysis Using Python by IBM
- Applied Python for Data Science by NPTEL
- Microsoft Azure AI 900 Fundamentals