V CHANDRAHAS REDDY

Aspiring Data Scientist

CONTACT

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LinkedIn

TECHNICAL COMPETENCIES

- **Data Analysis Tools:** Pandas, NumPy, Matplotlib, Seaborn
- **Programming Languages:** Python
- **Machine Learning:** Supervised Learning, Unsupervised Learning, Reinforcement Learning
- **Performance Testing Tools:** JMeter, LoadRunner, Dynatrace, Influxdb and Grafana
- **Other Tools:** Excel Macros VBA

SKILLS

- Statical Analysis
- Data Visualization
- Problem Solving
- Analytical Thinking

ACHIEVEMENTS

Award

- Best Performer Award

CERTIFICATIONS

- IBM Cyber Security & Forensics Graduate, 2022
- Azure 900

PROFESSIONAL OVERVIEW

Aspiring Data Scientist with 1.9 years of experience in performance testing, transitioning into a data-driven role. Proficient in data analysis, machine learning, and Python, with a strong foundation in statistical modeling and predictive analytics. Passionate about leveraging data-driven insights to solve complex business challenges. Seeking a data science role to apply analytical expertise, develop scalable models, and contribute to impactful solutions in a dynamic environment.

WORK EXPERIENCE

Cognizant Technology Solutions-Bangalore

Performance Engineer – U.S. Client Project May, 2023- Present

- Designed and executed performance testing strategies using JMeter and LoadRunner, ensuring application scalability, reliability, and efficiency.
- Conducted in-depth analysis of system behavior under varying loads, identifying performance bottlenecks and optimizing system performance.
- Collaborated with cross-functional teams to derive data-driven insights and provide strategic recommendations for enhancing system efficiency.
- Conceptualized and implemented a VBA-driven solution for automated data transfer and formatting in Excel, enhancing efficiency and minimizing manual effort. Developed scripts for seamless data movement across sheets and workbooks, applied dynamic formatting, and automated data cleaning, transformation, and reporting. Additionally, designed and integrated a search box in Excel to enable seamless data filtering and improved usability.

PROJECTS

House Price Prediction (Regression)

- Built a **machine learning model** to predict house prices with **81% accuracy** using **Python, Jupyter Notebook, and scikit-learn**.
- Performed **data cleaning, preprocessing, and feature engineering** to improve model performance.
- Applied **Linear Regression, Decision Trees, and Lasso Regression**, fine-tuned hyperparameters, and evaluated model performance.
- Visualized trends and correlations using **Matplotlib and Seaborn**.

Weather Prediction (Classification)

- Developed a **classification-based weather prediction model** using **Python and scikit-learn** with **80% accuracy**
- Preprocessed weather data, handled missing values, and performed feature selection.
- Implemented **Logistic Regression, K-Nearest Neighbors, and Random Forest** to classify weather conditions accurately.
- Optimized model performance through **hyperparameter tuning and cross-validation**.

EDUCATION

Bachelor of Technology (B.Tech) **CGPA**: 8.0

Hindustan Institute of Technology and Science, Hindustan University | 2018 –2022