SURYA VARDHAN DAMA

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OBJECTIVE

Graduate student in Data Science with hands-on experience in data analysis, machine learning, and statistical modeling through academic projects. Seeking for Intern position to apply technical skills in Python, R, SQL, and data visualization tools. Strong analytical abilities with a passion for uncovering insights from data to drive decision-making.

WORK EXPERIENCE

TCS|HYDERABAD|TELANGANA: ASSISTANT SYSTEM ENGINEER(02/2022-04/2023)

Monitored system performance, resolved technical issues, and applied updates to enhance efficiency. Used Agile methodologies to create solutions and collaborated with IT teams to ensure smooth infrastructure operations.

EDUCATION

Dec 2023 - Present	**Masters in Data Science**
	University of Arizona, Tucson, AZ (3.889/4.0 CGPA)
	Relevant Coursework: Machine Learning, Statistical Modeling, Data Mining, Big Data Analytics, Database Systems, Data Visualization, NLP.
July 2017 – Aug 2021	**Bachelors in Civil Engineering**
	SASTRA UNIVERSITY, Thanjavur, India.
	Relevant Coursework: Surveying, Estimation & Analysis, AUTO CAD, Transportation Systems, Construction Management.

SKILLS

- **Programming Languages**: Python, R, SQL

- **Operating Systems**: Linux

• **Data Analysis & Visualization**: Pandas, NumPy, Matplotlib, Seaborn, ggplot2, Tableau

• **Machine Learning:** Scikit-learn, TensorFlow

• **Artificial Intelligence:** OpenAI APIs, Hugging Face Transformers, Prompt Engineering, Generative AI

• **Databases**: MySQL, PostgreSQL

• **Big Data Tools**: Hadoop

• **Tools**: Jupyter Notebook, Excel, Power BI

• **Version Control**: Git, GitHub

• **Soft Skills**: Analytical thinking, Problem-solving, Communication, Teamwork

PROJECTS

Sentiment Analysis on Social Media Data

- Conducted sentiment analysis on Twitter data related to brand perception using Python and NLP techniques.

Key Skills: NLP, Sentiment analysis, Data visualization, Python.

Global Trends in Cancer Mortality: A Shiny App Exploration (1990-2019)

- Analyzed global cancer mortality data (1990-2019) to identify trends and disparities.
- Used a Shiny app with interactive visualizations to explore cancer statistics.
- Provided insights for researchers, healthcare professionals, and policymakers.

Key Skills: Data visualization, R programming, data analysis, and interactive dashboard development.

Trends in Holiday Movies (1929-2022)

- Analyzed trends in holiday films to understand audience preferences and revenue.
- Explore a dataset of holiday movies focusing on title, year, genre, runtime, and ratings. Used bar charts and scatter plots for genre trends and ratings correlations.

Key Skills: Data analysis, visualization, statistical analysis, trend identification.

AI-Powered Answer Similarity Analyzer for Chatbots

- Developed a simple AI model to classify movie genres based on synopsis text
- Used TF-IDF and logistic regression for text classification

Key Skills: AI, NLP, TF-IDF, Python, scikit-learn

CERTIFICATES

- Programming with Python -Udemy
- Programming with R -Udemy
- Linux Server Administration Intermediate Certificate – TCS

EXTRACURRICULAR ACTIVITIES

- **Participant, NextGen Geospatial Data Science Workshops**

  Engaged in workshops focused on emerging trends in geospatial data science, enhancing analytical and technical skills.
- **NSS Volunteer**

ADDITIONAL INFORMATION

- Available for a 3-6 month internship.
- Willing to relocate.