

VENKATA UDAY KUMAR EDARA

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SUMMARY

Prospective Data Scientist and Data Analyst with a strong foundation in AI and data analysis, acquired through comprehensive internship experience and academic projects. I am proficient in data visualization and reporting techniques using tools like Power BI and Tableau, and skilled in SQL for data storing, processing and Python programming for machine learning and deep learning applications. I have expert-level proficiency in Microsoft Excel and Power BI, which allows me to develop interactive dashboards, automate reporting processes, and perform advanced data analysis. Committed to leveraging technical skills in data mining and cleaning to drive data-driven insights and enhance corporate performance.

EDUCATION

Tagliatela College of Engineering, University of New Haven, West Haven, CT

Master of Science in Data Science

GPA: 4.0/4.0

Aug '24 - May '26

Coursework: Introduction to Python programming, Math for Data Scientist, Introduction to Data Science, Distribution and Scalable Data Engineering, Machine Learning and Introduction to Artificial Intelligence.

PROFESSIONAL EXPERIENCE

AI and Data Science Internship, PANTECH SOLUTIONS

Mar'24 - Jun '24

- Skilled in utilizing Excel for the purposes of data cleansing, analysis, and visualization.
- Created interactive dashboards in Power BI and Tableau to analyze and compare sales data and growth rates across various sectors.
- Proficient in SQL for the extraction, manipulation, and querying of extensive datasets.
- Engaged in Machine Learning, Deep Learning, and Artificial Intelligence, implementing models for predictive analysis using Python.

ACADEMIC PROJECTS

Data Cleaning & Exploratory Data Analysis in SQL

Jan '25 - Feb'25

- Cleaned and standardized a layoff dataset using SQL techniques, addressing null values and optimizing the dataset structure.
- Developed a staging table to guarantee data integrity and support effective transformations.
- Utilized window functions to identify and eliminate duplicates, ensuring the accuracy of the dataset.
- Performed exploratory data analysis (EDA) to reveal trends, patterns, and significant insights.

Data Professional Survey Analysis in Power BI

Jan '25 - Jan '25

- A substantial professional dataset was processed from Excel, standardizing formats, and eliminating inconsistencies.
- An interactive Power BI dashboard was created to present essential survey metrics and insights using charts, graphs, and filters.
- Proficiency in data preparation, transformation, and narrative construction was showcased to facilitate data-driven decision-making.

SKILLS

Data Visualization : Microsoft Excel, PowerPoint, Tableau, Microsoft Power BI and AI-Visualization tools.

Data Analysis : Python, SQL and Exploratory Data Analysis (EDA).

Business Analysis : Business Process Modeling, Documentation and Stakeholder Communication.

Programming : Python for data manipulation and analysis, SQL for database querying and management.

Tools : Jupyter Notebooks, Colab, Excel and AWS Quick Sight.

Cloud & AWS : AWS S3, AWS Lambda, AWS RDS, AWS Redshift, AWS Glue, AWS EC2.

Core skills : Data visualization, Business reporting, Data warehousing, Data Mining and Data Cleaning.

Soft Skills : Communication, Presentations, Critical Thinking, Time Management, Creativity and Adaptability.

Language Proficiency : English.