VENKATI KAVYA KANDIPALLI

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EDUCATION

Northeastern University **Boston, MA**
Master of Science in Data Analytics Engineering **Expected May 2024**
Coursework: Data Management for Analytics, Data Mining in Engineering, Computation and Visualization for Analytics, Statistical Methods in Engineering

Vignan's Institute of Information Technology **Visakhapatnam, Andhra Pradesh**
Bachelors in Computer Science and Engineering **July 2021**
Coursework: Database Management Systems, Python Programming, Data Mining Techniques, Artificial Intelligence, Machine Learning, Big Data Analytics, Statistics and R programming

TECHNICAL SKILLS

Programming: Python(Pandas, Numpy, Scikit-learn, Scipy, Seaborn, Matplotlib, TensorFlow, Plotly, Statsmodels), R, SQL, C
Data Engineering & Databases: MySQL, MongoDB, ETL Process
Data Visualization: Power BI, Tableau, Excel, R Studio, Jupyter Notebook
Machine Learning & Data Science Skills: Data and Quantitative Analysis, Decision Analytics, Predictive Modelling, Machine Learning Algorithms, Data mining, Deep Learning.

CERTIFICATIONS

IBM Certification in Data Science and its Tools and NPTEL Certifications in Data Analytics with Python

WORK EXPERIENCE

ACCENTURE **Hyderabad, Telangana**
Data Engineering Analyst **September 2021 - September 2022**
- Managed SAP GTS implementations and screening to ensure global trade compliance, resulting in reduced trade risks and enhanced operational efficiency
- Implemented SAP SD module enhancements for facilitating better sales order management and delivery processes, resulting in increased sales and customer satisfaction
- Conducted analysis of client's trade compliance requirements, automating trade screening and export documentation

ACADEMIC PROJECTS

PREDICTIVE ANALYSIS OF READMISSIONS IN US HOSPITALS **Boston, MA**
Statistical Methods in Engineering, Northeastern University **September 2023 - December 2023**
- Analyzed a 10-year healthcare dataset to predict readmissions for diabetic patients and utilized data transformation techniques, including encoding, for analysis readiness.
- Employed exploratory data analysis to identify influential factors in readmission rates.
- Developed and assessed models like Logistic Regression and Random Forest where high precision in Logistic Regression.

THYROID DISORDERS CLASSIFICATION **Boston, MA**
Data Mining, Northeastern University **January 2023 - April 2023**
- Created a machine learning model for classifying thyroid disorders with 90% accuracy.
- Analyzed medical records and symptoms to expedite patient treatment plans.

TELECOM CHURN PREDICTION **Boston, MA**
Computation and Visualization, Northeastern University **January 2023 - April 2023**
- Developed a predictive model to identify at-risk customers in a telecom company and achieved 85% accuracy in predicting potential churners, aiding in retention strategy development.
- Built data visualizations in Tableau for stakeholder engagement and decision-making.

INFLUENCER'S MARKETING AGENCY **Boston, MA**
Data Management, Northeastern University **September 2022 - December 2022**
- Designed a relational database for an influencer marketing agency.
- Implemented data management optimizations and built Python visualizations for content performance tracking.