Sumanth Dasari

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EDUCATION

University of New Hampshire – NH, USA
Peter T. Paul College of Business and Economics
Master of Science in Business Analytics   **Sep 2023 – Sep 2024**
Relevant Coursework: Data Modelling & Analysis, Statistical Learning, Big Data, Business Intelligence
Key Achievements: Completed data analysis projects, including a predictive analysis for Airbnb booking rates in New York City.

Amrita Vishwa Vidyapeetham – Kerala, India
School of Engineering
Bachelor of Technology in Electrical Engineering   **Jun 2019 – May 2023**
Relevant Coursework: Statistics and Foundations of Data Science ,Machine Learning, Microcontrollers and Applications.
Key Achievements: Designed and implemented a solar PV power bank with wireless charging as a capstone project.

TECHNICAL SKILLS

Programming Languages: Python, R
Data Analysis & Visualization: SQL, Tableau, Power BI
Statistical Methods: Optimization Methods, Statistical Analysis
Data Communication: Data Modeling, Data Communication

PROJECTS

Business Intelligence – Baseball Sports Data Analysis.
Analyzed various aspects of Major League Baseball players' performance data—including salary, batting, and pitching statistics from 1886 to 2015—to assess correlations between players' abilities, salaries, and awards Data Analysis using and SQL.
Statistical Learning Course – Bike Sharing Statistical Study
Data Science Project – Summer 2024
Objective: Analysed the impact of environmental and temporal factors on bike rental behaviors using a two-year dataset from the Capital Bikeshare system in Washington, D.C.
Unstructured Data Course – Analysis of an emotions using data.
Developed and implemented a machine learning model using Python and Logistic Regression to classify emotional tones in text data for chatbot applications, improving accuracy in emotion recognition.
Big Data – Capstone Project (Airbnb-New York city)
Part 1: Predicted Airbnb booking rates on developing models for state of the art predictions.
Part 2: Analyzed and visualized real-time Airbnb data, generating actionable insights that improved response times by 40% for customer inquiries, enhancing overall user satisfaction scores from 80% to 92% within a quarter in new York city market. The original data consisted of 15 million observations.

EXPERIENCE

Hut Labs, IEEE student branch.
Has been a part of organizing team of 6th ISEE International Symposium on Education, Technology, and Entrepreneurship and done various projects
Cleaning Robot
It is developed using Arduino IDE. It is used for wiping out the dust covered on the ground.

AMRITA VISHWA VIDYAPEETHAM, Kerala, INDIA.
Executive Committee member of IEEE student branch
Worked as a committee member for IEEE membership, fests, drives, and workshops.

CAMPUS & LEADERSHIP ACTIVITIES

UNH – Home Coming event (Peter T Paul College 10 Years Event) – Durham, NH
Centre for Business Analytics – Student Volunteer
- Played a key role in event coordination, contributing to the success of the celebration.

CERTIFICATIONS

Google UX Design Professional Certificate
C for Everyone: Programming Fundamentals