Pavan Kumar Ganta

Apple Valley, MN
gant6880@stthomas.edu LinkedIn (612) 999-8008

Pursuing Masters in Business Analytics at Opus College of Business with an undergrad degree in Electrical Engineering. Versed with Python, SQL, R, Tableau, Machine Learning and excelled in statistical modeling using Excel & PowerBI. I am a fast learner with good decision-making and problem-solving skills, a great team player, organized, and work very well under pressure.

CORE COMPETENCIES

Data Analysis Tools: Tableau, R, Advanced Excel-Solver Platform, Pivot Tables, V-lookup

Software Tools: PowerBI, Azure ML studio, Seahorse, Apache Superset, Hadoop, SAS, MS Office

ML / Data Science : Scikit-learn, Pandas, NumPy, NLTK, SciPy, Spacy, Matplotlib, Prophet, Seaborn, Selenium, ggplot2, PyMongo, PySpark, Flask

Language & Databases: R, Python, SQL

EDUCATION

University of St.Thomas, Opus College of Business **Minneapolis, MN**
Master of Science in Business Analytics May 2022
Related Courses : Machine Learning, Data Visualization, Spreadsheet Modeling, Statistical Methods for Decision Making

Pydah College Of Engineering and Technology **Visakhapatnam, India**
Bachelor of Technology in Electrical and Electronics Engineering July 2018

PROJECTS

Player Performance Analysis

- Collected and Scraped player performance data using selenium (python).
- Analyzed data and developed new measures and metrics using PowerQuery.
- Built a **User-Interactive PowerBI Dashboard** to choose an optimized team by analyzing the player's performance.

Analysis Of Staff Stability | Python

- Designed an **ML model** to predict the probability of an employee's tendency to work for the organization.
- Collected staff stability data using Selenium.
- Performed data normalization, backward elimination, dimension reductional techniques, PCA, LDA, and KPCA.
- Trained Logistic Regression, Decision Tree, Random Forest, KNN, SVM and an ensemble model on the processed data.
- Achieved best accuracy of 93% using **Logistic Regression Model**.

Real Estate Price Prediction | Python

- Designed an **ML model** to predict the prices of real estate.
- Explored a wide range of machine learning models and advanced regression techniques like Decision Tree, Lasso, Random Forest Regressor, KNN, SVM, Boosting, and Voting Regressor.
- XGBoost was found to be preferable with Gradient Boosting Regressor with a mean absolute percentage error(MAPE):8.2

PROFESSIONAL EXPERIENCE

Academy For Comprehensive Training and Development **Visakhapatnam, India**

Network Adminstrator August 2018 – December 2019

- Responsible for designing, organizing, and modifying routing protocols, server deployment and security.
- Maintained network facilities in individual machines, and file servers, VPN gateways, intrusion detection systems.
- Ensured LAN/WAN infrastructure is on par with technical considerations.