Kishan Sathish Babu

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SUMMARY

Data Science Graduate Student with 2 years of consulting experience seeking a challenging role in a fast-paced, innovative environment. Proven ability to apply skills in SQL, Python, Excel, machine learning, and data visualization to solve real-world problems. Expertise in building and deploying machine learning models, as well as developing and communicating actionable insights to stakeholders.

EDUCATION

Northeastern University, Boston — Sept 2023 - Expected May 2025
Master of Science in Data Science — *GPA: 3.83/4.0*
PES University — August 2017 - May 2021
Bachelor of Technology in Electronics and Communication Engineering — *GPA: 3.3/4.0*

Courses: Supervised Machine Learning, Algorithms, Linear Algebra, Artificial Neural Networks

SKILLS

Languages: SQL, Python, Java
Tools: PowerBI, Git/GitHub, MS Office

EXPERIENCE

Associate Consultant | EY India — Oct 2022 – Aug 2023

- Developing Demand Sensing forecast prediction based on market factors to enhance inventory planning and reduce handling costs for a major FMCG by 10%. Customized data refresh timelines to improvise recommendation generation driving adoption and usage by 20%.
- Created an Inventory Provisioning process identifying excess stocks, revising norm optimization to 75%.
- Created a stock re-balancing process to manage demand internally, decreasing planning costs by 2M+ per quarter.

Analyst | EY India — July 2021 – Oct 2022

- Resolved technical incidents raised during execution of ETL, SQL, and writeback processes streamlining the refresh process with 30% fewer incidents.
- Established dashboards to project storage capacities to prevent overstocking, decreasing such situations by 40
- Designed database models to extract data from SAP to cloud systems to build recommendations systems.
- Built interactive process and UI screens to enhance user experience.
- Constructed python scripts for internal project requirements cutting down manual work by 10 hours.

Data Analyst Summer Intern | EY India — Jan 2021 – July 2021

- Wrote consistent programs to automate process of comparing accuracies of forecasts, reducing time required by 70
- Developed and published 4 dashboards and reports to provide stock metrics and logistics KPIs for countries in the South East Asia region.

PROJECTS

MBTI Personality Prediction

- Developed SVM and neural network models to predict MBTI personality types from social media comments on Twitter and Reddit. Models achieved accuracy of 72% on held-out test set.

Latin Square Image Encryption

- Used latin square to encrypt image as a two dimensional object increasing overall security compared to traditional AES encryptions. Published a paper in the CSITSS Conference, Bangalore.

Road Quality Assesment

- Performed Statistical analysis to find the Road and Bus quality using time series analysis and Clustering to improve the road safety.