

AKSHAY NAVANEETHA KRISHNAN

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EDUCATION

The University of Texas at Austin May 2024

Master of Science, Business Analytics | 3.86/4.00 GPA

- Coursework: Data Analytics, Data Visualization, Hypothesis Testing, Predictive Modeling, Optimization, Deep Learning, Information Management, Unstructured Data Analytics, and Supply Chain Analytics

Ramaiah Institute of Engineering May 2020

Bachelor of Engineering, Mechanical Engineering | 8.44/10.00 GPA

TECHNICAL SKILLS

- **Programming Languages/Tools:** SQL, Python, R, PyTorch, Snowflake, Google Cloud Platform (GCP), Jira, Gurobi, PySpark, Scikit Learn, TensorFlow, MongoDB, NumPy, Pandas
- **Computer Software:** Microsoft Excel, Tableau, GIT, Slack, Microsoft Teams, VS Code, Jupyter Notebooks, RStudio
- **Skills:** Machine Learning, Statistics, Agile, Kanban, Clustering, Regression, Neural Networks, Data Mining, Computer Vision, Iterative Development, ETL, Demand Forecasting, Data Analysis, Business Intelligence, Time Series Forecasting

WORK EXPERIENCE

Impact Analytics – Bengaluru, Karnataka Jan 2020 - May 2023

Senior Data Scientist Jan 2022 - May 2023

- Spearheaded retail forecasting projects to estimate the impact of pricing on sales, which helped save \$500K+ annually
- Conducted A/B tests to pinpoint and eliminate ineffective coupons for e-commerce clients, saving \$50K annually
- Liaised with clients, addressing business problems and handling inquiries about models used for forecasting

Data Scientist Aug 2020 - Dec 2021

- Optimized SQL queries, cutting runtime by 60%, and developed APIs for easy client modification of sales forecasts
- Implemented post-Covid drift correction models, boosting accuracy and saving \$1M via better inventory management
- Implemented a methodology for identifying lost sales, which then helped capture lost revenue worth over \$500,000

Data Science Intern Jan 2020 - Mar 2020

- Participated in full-cycle analysis of client data, including EDA, modeling, visualization, and extracting business insights

ACADEMIC PROJECTS

Capstone Project with TransUnion – Austin, Texas Dec 2023 - May 2024

- Exploring the scope of synthetic data augmentation for improving fraud risk model accuracies at TransUnion

Snowflake Project – Austin, Texas Aug 2023 - Dec 2023

- Integrated Snowflake with Python for advanced analytics, and implemented time series ARIMA revenue forecasting

AWARDS AND LEADERSHIP

Spot Award: Awarded for excellent performance and upholding company values Jan 2021 - Mar 2021

Spot Award: Awarded for excellent performance and upholding company values Jul 2022 - Sep 2022

Head of Club (School Tree Project): Managed student team to aid underprivileged kids Jun 2019 - May 2020

ADDITIONAL INFORMATION

Languages: English, Kannada, Telugu

Interests: Powerlifting, Gaming, Music, Health and Fitness