

AKSHAY NAVANEETHA KRISHNAN

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EDUCATION

The University of Texas at Austin May 2024

Master of Science, Business Analytics | 3.86 GPA

- Coursework: Data analytics, Visualization, Hypothesis Testing, Predictive modeling, Optimization, Deep learning, Information Management, Unstructured Data Analytics, Supply Chain Analytics, and Marketing Analytics.

Ramaiah Institute of Engineering May 2020

Bachelor of Engineering, Mechanical Engineering | 8.44/10.00 CGPA

TECHNICAL SKILLS

- Programming Languages/Tools: SQL, Python, R, PyTorch, Snowflake, Google Cloud Platform, Jira, Gurobi, Postgresql, PySpark, Scikit learn, MongoDB
- Computer Software: Microsoft Excel, Microsoft PowerPoint, Tableau, GIT, Slack, Microsoft Teams
- Project Skills: Agile, Kanban

WORK EXPERIENCE

Impact Analytics – Senior Data Scientist, Bengaluru, Karnataka Jan 2022 - May 2023

- Led a team analyzing data from US-based retail giants, generating accurate forecasts (70-80% Accuracy) for Impact Analytics' SaaS products, and implementing automated pipelines for seamless client forecast generation
- Applied the generated forecasts to drive business improvements, including enhancing inventory management and optimizing pricing and promotional strategies resulting in savings of hundreds of thousands of dollars
- Proactively engaged and collaborated with clients, adeptly extracting essential business insights pivotal for critical processes like feature engineering and feature selection

Impact Analytics – Data Scientist, Bengaluru, Karnataka Aug 2020 - Dec 2021

- Performed ad hoc analyses for clients, including A/B testing to evaluate our recommendations, and projected margin calculations. Effectively communicated findings to clients, contributing to informed decision-making
- Implemented and tested Regime Shift Models to account for post-Covid-19 consumer purchasing habits, improving accuracy by 10-20% based on benchmarked retailers' data

Impact Analytics – Data Science Intern, Bengaluru, Karnataka Jan 2020 - Mar 2020

- Participated in full-cycle analysis of authentic client data, encompassing EDA, data cleansing, model application, visualization development, and extraction of business insights

ACADEMIC PROJECTS

Computer Vision Project Jun 2023 - Dec 2023

- Engineered and optimized Convolutional Neural Network (CNN) models using PyTorch, coupled with fine-tuned transfer learning techniques, to achieve superior accuracy in detecting distracted driving behaviors

Snowflake Project Jun 2023 - Dec 2023

- Executed a Snowflake project, including data loading, transformation, and dashboard creation. Integrated Snowflake with Python for advanced analytics, and implemented accurate 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