

RAGAVI POBBATHI ASHOK

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EDUCATION

University of North Texas

Dallas, TX

Master of Science in Advance Data Analytics, CGPA: 4

June 2023- May 2025

Relevant Coursework- Data Analytics, Harvesting, Storing and Retrieving Data, Discovery and Learning with Big Data, Large Data Visualization, Recurrent Neural Networks for Sequence Data, and Deep Learning with Big Data.

University of Auckland

Auckland, New Zealand

Master of Engineering in Electrical and Electronics.

2018-2019

BNMIT Institute of Technology

Bengaluru, India

Bachelor in Telecommunication Engineering.

2014-2017

CERTIFICATIONS

Google Data Analytics Professional Certificate

SKILLS

- **Data Analysis & Visualization:** | Python | Java | SQL | Power BI | Tableau | Excel |
- **Predictive Modeling and Statistical Modeling :** | Decision Trees | Neural Networks | Random Forest | | Logistic Regression| ANOVA | Time Series Analysis |
- **Big Data Technologies:** | Spark | Hive | Hadoop | PySpark |
- **Machine Learning Models:** | Reinforcement Learning | Personalization & Recommender Systems | A/B Testing |
- **Cloud & Deployment:** | AWS | Azure | CI/CD (Jenkins) |
- **Project Management:** | Git | Jira |

PROFESSIONAL EXPERIENCE

Fisher and Paykel Appliances: Product Development Analyst Engineer *Auckland, New Zealand, Jan 2022 - Nov 2022*

- Conducted **comprehensive data analysis** for the Fisher and Paykel app, leading to a **25% improvement** in app performance and user experience.
- Implemented the **first Python-based automation project to improve** the Fisher and Paykel app's efficiency, by **30%** focusing on user interface enhancements.
- Led the development of Fisher and Paykel's Digital Services solution, encompassing data extraction, design, and build, mainly focusing on customer-specific report generation, leveraged **MySQL, Azure Analysis Services, and Power BI** to enhance and regularly update overall performance metrics each quarter.
- **Collaborated** with cross-functional teams **to optimize** data-driven strategies.

Invenco Group Ltd – Cloud Engineer

Auckland, New Zealand, Dec 2019 - Dec 2021

- Led a **team of five as Scrum Master** in enhancing Agile practices adoption **by 50%**, resulting in improved project delivery.
- Analyzed datasets using advanced statistics and created a **sentiment model** to understand customer usage.
- **Automated** and Managed Amazon **EC2 instances** and **S3 Buckets**.
- **Extracted data** from **multiple cloud sources** and managed database systems.

PROJECTS

- **Airline Data Analysis:** Comprehensive analysis of the March 2023 airline data to **guide airline performance and customer satisfaction** | [Kaggle](#)
- **A/B Testing Case Study:** Enhancing E-commerce Sales with a **New Product Recommendation Algorithm** | [Kaggle](#)
- **Starbucks Case Study:** From Segmentation to **Predictive Modeling** | [Kaggle](#)
- **Amazon Customer Behavior Analysis:** Growth Strategy Recommendations with **Sentiment Modeling** | [Kaggle](#)
- **DC Motor Speed Control:** Utilized **Artificial Neural Network** for Speed Control | [GitHub](#)

LEADERSHIP EXPERIENCE

- Served as the Graduate Buddy program leader for two years (2018 and 2019) at the University of Auckland.