

RAGAVI POBBATHI ASHOK

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OBJECTIVE

A Data Enthusiast currently pursuing a Master of Science in Advanced Data Analytics, with a strong foundation in data analysis, machine learning, and statistical modeling. Seeking to leverage my academic background and professional experience in a challenging role that values analytical expertise and a proactive approach.

EDUCATION

University of North Texas

Master of Science in Advance Data Analytics.

Dallas, TX

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

Master of Engineering in Electrical and Electronics.

Auckland, New Zealand

2018-2019

BNMIT Institute of Technology

Bachelor in Telecommunication Engineering.

Bengaluru, India

2014-2017

CERTIFICATIONS

Google Data Analytics Professional Certificate

SKILLS

- **Data Analysis & Visualization:** | Python | Java | R | Tableau | Power BI | Excel |
- **Data Management:** | SQL (DDL, DML) for data extraction from MySQL, Snowflake, PostgreSQL, BigQuery |
- **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 |
- **Machine Learning libraries:** | TensorFlow | PyTorch | Sklearn | Keras | Pandas | Matplotlib | XGBoost |
- **Cloud & Deployment:** | AWS | Azure | CI/CD (Jenkins) |
- **Scripting:** | Advanced Python scripting for data cleaning, processing and transformation |

PROFESSIONAL EXPERIENCE

Fisher and Paykel Appliances: Product Development Analyst Engineer

Auckland, New Zealand, Jan 2022 - Nov 2022

- Enhanced **application performance by 25%** by service telemetry for comprehensive data analysis.
- Led the development of a **python-based automation project**, resulting in a **30% improvement** in application **efficiency**.
- Developed a Digital Services solution, improving **customer-specific report generation and dashboards**.

Invenco Group Ltd – Cloud Engineer

Auckland, New Zealand, Dec 2019 - Dec 2021

- Elevated **Agile practices adoption by 50%** as Scrum Master.
- Created a **sentiment analysis model to analyze customer data to improve usability**.
- Efficiently managed **Amazon EC2 instances and S3 Buckets**, automating cloud operations.

PROJECTS

- **Airline Data Analysis:** Analyzed March 2023 airline data to **guide airline performance and customer satisfaction** | [Kaggle](#)
- **A/B Testing Case Study:** Crafted and prototyped a new product **recommendation algorithm to boost e-commerce sales** | [Kaggle](#)
- **Electric Vehicle Adoption in Washington State:** Utilized **Random Forest, Logistic Regression, and Naive Bayes** to analyze and predict electric vehicle adoption in Washington with **99.97% accuracy** | [GitHub](#)
- **Starbucks Case Study:** Employed segmentation and **predictive modeling for business strategy** | [Kaggle](#)
- **Amazon Customer Behavior Analysis:** Conducted **sentiment modeling** to propose **growth strategies** | [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.
- An active member of the Women in Computing club at UNT (2023)