

Raashid Salih

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EDUCATION

2023 – present Atlanta, Georgia, USA	Georgia Institute of Technology (GaTech) [Currently on Academic Hiatus] Master of Science in Analytics (MSc) <ul style="list-style-type: none">CGPA – 4.00/4.00
2018 – 2022 Kuala Lumpur, Malaysia	International Islamic University Malaysia (IIUM) Bachelor of Computer Science (Honours) <ul style="list-style-type: none">Specialization in Computational Intelligence and Data ScienceCGPA – 3.99/4.00

PROFESSIONAL EXPERIENCE

Dec 2023 – present Pune, India	FreightFox (Logistics based AI Startup) 🔗 Data Scientist [Python, AWS, Docker, FastAPI, Streamlit, GenAI, Qdrant, Redash, PuLP, Jira, Confluence] <ul style="list-style-type: none">Developed RAG based LLM solution to facilitate self serve analytics for users via chat interface.Markedly enhanced data quality by implementing novel solution to industry-wide problem of non-standard location names, enabling inter-manufacturer analytics.Leveraged said solution to automate client logistics network creation, significantly reducing onboarding time to improve client acquisition.Productionized a demand forecasting pipeline to aid in inventory management.Innovated a vehicle categorization method utilizing application-specific metrics with one-dimensional clustering, solving industry-wide issue of non-standard vehicle names.Deployed a web application to visualize commodity trends and sentiments from the news using a model fine-tuned on financial data, to help clients understand commodity risk and engage in proactive supply chain management.Built an ensemble model to predict freight rates based on shipment features for clients to benchmark and optimize performance.Developed an optimization model to minimize costs by determining the optimal fleet mix and payloads given a total payload.
Jan 2022 – Sep 2022 Kuala Lumpur, Malaysia	Schlumberger (Energy MNC) 🔗 Data & Analytics Intern [Python, Dash, Dataiku, Azure DevOps, SSMS SQL, Alteryx, PowerBI, Dax] <ul style="list-style-type: none">Enhanced predictive model reliability by applying Explainable ML techniques such as Subpopulation Analysis and Feature Importance, leading to identification of model strengths and weaknesses.Developed a cost prediction WebApp using the Dash Framework, enabling project cost forecasting based on inflation rates.Implemented pipelines for sprint planning and department KPO dashboards, ensuring comprehensive documentation and adherence to best practices, improving data visibility.

PROJECTS

End-to-End Churn Analytics Platform 🔗
[GCP, Docker, Airflow, dbt, PostgreSQL, Terraform, FastAPI, MLFlow, Grafana, Metabase, FLAML AutoML, Ruff]
Developed a cloud-hosted containerized data platform to simulate and analyze customer behavior utilizing microservices architecture. Integrated ML models for synthetic data generation and churn prediction served via RESTful APIs. Ensured data quality with automated tests and transformations, and designed an interactive dashboard for key metrics. MLOps best practices like experiment tracking and monitoring is facilitated by MLFlow and Grafana. Implemented CI/CD for seamless updates and provided extensive documentation for reuse.

Agmarknet Scraper 🔗
[Python, ArgParse, PostgreSQL, Selenium, dotenv, venv]
A CLI tool designed to gather data from [Agmarknet](#) 🔗. The current implementation employs a direct URL substitution approach to minimize interactions with the website for stability, and moves the relevant data collected to a Postgres database (as default behavior). The Python project uses the Model-View-Controller (MVC) architectural pattern for better separation of concerns and isolates database connection details in an .env file for greater security.

JenksPy: Fisher-Jenks algorithm (Python) 🔗
Open source contribution made to the Fisher-Jenks algorithm implementation to help determine ideal class/cluster size using elbow charts based on the goodness of variance fit (GVF) metric.

MISCELLANEOUS

- IELTS Academic: Band 9 | CEFR – C2 (highest level of English proficiency)