# RAABIYAH ADAM

Data Analyst

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Delivers adaptable and scalable data solutions by learning continuously and solving problems creatively. Transforms ideas into real results using skills in analytics, automation, and AI. Comfortable working with new tools, complex data, and unfamiliar challenges to find smart, effective ways forward. Uses tools like Python, Power BI, OpenAI, and LangChain to build efficient and intelligent systems. Driven by curiosity and growth, with a strong ability to learn quickly and adapt to changing needs.

## CORE COMPETENCIES

- AI Development & Automation
- Scalable Pipeline and API Development
- Strategic planning
- Adaptability

- Data Analysis and Reporting
- Dashboard Development & Data Visualization
- Collaborative teamwork
- Creative Problem-Solving

## TECHNICAL SKILLS & TOOLS

**Programming & Analysis:** Python, R, SQL, Excel
**Data Visualization:** Power BI, Tableau, Google Analytics, Tableau
**AI & NLP Tools**: OpenAI API, LangChain, RAG, FAISS, Azure AI Document Intelligence
**Development & Deployment:** FastAPI, Docker, PyCharm

## EXPERIENCE

**Data Analyst (Contract), Azakaw – Digital Risk & Compliance Platform           | July 2024 – Present**
Role spans a range of data analytics and AI projects to improve business efficiency, automation, and decision-making. Main focus is to turn data into actionable insights and building secure, scalable models that support teams across the organization.

- Design and build interactive dashboards and reports using data analytics and visualisation tools to support operational decision-making and help teams act on real-time insights.
- Develop AI-powered tools to automate document processing, summarization, onboarding forms, and support workflows, reducing manual review time by up to 70%.
- Engineer semantic search and retrieval systems using RAG techniques and vector databases to speed up client onboarding and document review.
- Create secure, scalable pipelines and APIs for structured and unstructured data, with a strong emphasis on privacy and compliance.
- Lead the development of varied AI projects by researching new areas, experimenting with tools, and tailoring solutions to specific business needs.
- Build custom web scraping workflows to automate external data collection and keep teams informed of regulatory and market updates.
- Automate task scheduling and reporting using AI agents, delivering timely, personalized updates to internal teams and clients.

**Pricing Analyst, Inventory & Web Manager, Coralle Concept – Online Retailer** | **Apr 2020–Dec 2023**

Co-owner and partner in exclusive apparel business operating online in South Africa. Responsible for remotely sourcing and purchasing products, controlling inventory operations and maintaining e-commerce platform.

- Creatively built and designed e-commerce platform using Shopify's website builder to set up online shopping portal.
- Embedded payment and delivery apps using integration guidelines and processes to ensure a seamless customer shopping experience.
- Successfully developed and updated inventory operating strategies by implementing plans and procedures to manage the inflow and outflow of inventory.
- Proactively analysed purchase trends and seasonality using Shopify's built-in analytical tools to forecast stock requirements.
- Meticulously prepared reports and dashboards using data visualization tools to analyze customer spending and website usage habits.
- Collaboratively planned marketing strategies with the team to brainstorm and implement social media campaigns that enhanced sales.

**Mathematics teacher, Al Salam Community School** | **Mar 2022 – Jul 2022**

Outstanding teacher responsible for Year 4 Mathematics curriculum planning, assessment and monitoring of students' progress, using the latest innovations in teaching practice.

- Created robust lesson plans utilising Google drive, sheets and slides to guide instruction.
- Maintained accurate student data by mastering the use of iSAMS tools to effectively manage student records.
- Conscientiously recorded and assessed learner data to monitor academic progress and identify challenges.
- Analyzed learner data to make clear and informed instructional and interventional decisions.
- Implemented modern teaching strategies to streamline the teaching and learning process based on analysis of reports.

**Data Coordinator (Internship), Bayt.com** | **Apr 2012 – Jun 2012**

Main duties included managing and maintaining of automobile specification databases. Responsible for data entry, data cleaning and data validation.

- Industriously conducted background research to deliver value-added market knowledge.
- Collaborated with administrative support to capture information into the database.
- Meticulously captured and cleaned data to produce high-quality comprehensive spreadsheets.

**English teacher, Al Ansar International School** | **Aug 2012-Dec 2013**

## EDUCATION & TRAINING

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|---|---|---|
| **Google Data Analytics Professional Certificate** | Coursera | 2024 |
| **Data Science in Python** | University of Cape Town (GetSmarter) | 2022 |
| **Hons (BCom): Statistics** | University of South Africa | 2012-2013 |
| **BCom: Econometrics** | University of Pretoria | 2005-2010 |