Aysha Shama Musamil

Data Analyst | BTech in Computer Science

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SUMMARY

B.Tech graduate in Computer Science with a strong foundation in data analysis and visualization. Skilled in Python, SQL, Excel, and Power BI, with hands-on knowledge of EDA, dashboard creation, and data cleaning. Developed an Al-driven project focused on brand threat detection using real-time data and sentiment analysis. Actively seeking entry-level Data Analyst roles in the Middle East.

EDUCATION

B.Tech in Computer Science and Engineering
APJ Abdul Kalam Technological University, Kerala | GPA 3.38 | 2021-25

Higher Secondary School
Indian School Muscat, Oman | CGPA 9.5 | 2020-21

INTERNSHIP EXPERIENCE

Data Science Intern
Al Nahla Solutions LLC, Muscat | Aug 2025 - Present
- Assisted in the automation of the attendance system using AARI and PowerBI with punched-in data
- Collaborated with the Airia team to explore partnership opportunities and evaluate platform use cases.
- Engaged with Qlik for partnership initiatives and assisted in identifying potential customer collaborations.
- Working as Project Coordinator for a Data warehousing Governance Project for NAMA Dhofar Services in collaboration with Databorn

SKILLS

BI Tools — Power BI (DAX, Power Query), Qlik Sense, Tableau

Programming — Python (NumPy, pandas, matplotlib, scikit-learn), SQL, Advanced Excel (pivot tables)

Data Science — ETL processes, Data Warehousing, Data Cleaning and Preprocessing , Data Integration, Predictive Modeling, Statistical Analysis, Model Validation & Evaluation

Analytics & Visualization — Data Visualization, Exploratory Data Analysis (EDA), Dashboard Development, KPI design, Reporting automation

Databases — Relational DBs (MySQL, PostgreSQL, MS SQL), NoSQL basics (MongoDB), SQLite

Emerging Technologies — Generative Al, Machine Learning, NLP

Soft Skills — Analytical Thinking, Problem Solving, Team Collaboration, Communication, Detail Oriented

Language — English, Arabic, Hindi, Malayalam

PROJECTS

BrandGuard - Al-Driven Threat Intelligence with Sentiment Analysis, *2025*
- Built a real-time Al system to detect fake websites using Levenstein distance and visual similarity.
- Implemented real-time fake product detection using MobileNetV2 and SIFT.
- Integrated DistilBERT-based sentiment analysis to identify negative reviews.
- Designed an integrated dashboard using Flask, HTML/CSS, and SQLite for centralized threat monitoring.

- Project published in International Journal of Novel Research and Development (IJNRD).

Innovative Al-Powered Attendance Management system using Facial and Body Recognition, *2024*
- Designed and deployed an Al-based attendance system utilizing facial recognition with FaceNet embeddings.
- Integrated body recognition as a secondary verification layer using pose estimation models.

CERTIFICATES

IBM – Applied Data Science with Python ⬈ — Python for Data Science ⬈ │ Data Analysis with Python ⬈ │ Data Visualization with Python ⬈

Qlik — Qlik Sense Business Analyst ⬈ │ Qlik Sense Data Architect ⬈ │ Data Literacy ⬈

Tata (Forage) — GenAI Powered Data Analytics Job Simulation ⬈

Deloitte Australia (Forage) — Data Analytics Virtual Experience ⬈

Google Developer Program — Generative AI with Google Cloud ⬈ │ Machine Learning with TensorFlow ⬈

Microsoft (Simplilearn) — Power BI for Beginners ⬈

IBM — API Connect Technical Sales Intermediate ⬈