

Fadi Ali Qasem Saif

Data Systems | Business Analytics | MEL Specialist

SQL • Python • ETL • Power BI • KPI Systems • A/B Testing • Decision Support

Aden, Yemen | Open to Gulf Opportunities

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Senior Data Analyst with 10+ years of experience building KPI frameworks, data pipelines, and decision-support reporting within humanitarian and development programs operating in complex environments. Skilled in SQL, Python, ETL workflows, and BI tools, equipped with experience delivering statistical analysis including A/B testing, quasi-experimental design, hypothesis testing and inferences, with a proven record of improving operational efficiency, strengthening data governance, and delivering actionable insights at scale across portfolios exceeding \$60M.

Core Skills

Data & Analytics: Python, SQL, ETL Pipelines, Data Modeling, Forecasting, Applied Machine Learning

Business Intelligence: Power BI, Tableau, Dashboard Design, Performance Reporting

MEL Systems & Research: Results Frameworks, Assessments, Data Quality, A/B Testing and Research Design

Leadership & Strategy: Cross-Functional Coordination, Capacity Building, Stakeholder Communication

Professional Experience

UN World Food Program

Targeting and Digital Solutions – Service Provider

December 2025 - Present

- Built a relational inventory and asset-tracking system with procedural constraints and audit trails, reducing equipment processing and reconciliation time by 75% and improving data accuracy and control.
- Developed a Deep-Learning automation model based on TensorFlow/Keras for Arabic–English geographic transliteration, achieving 93% validated accuracy and reducing manual processing workload by 60% across 20K+ records.
- Delivered data integrity, readiness tracking, and operational reporting to support deployment execution and resource availability across field operations.

Independent – Self-Employed

Evaluation and Business Analyst

February 2025 - Present

- Led end-to-end analytics for research and business environment studies, including data cleaning, statistical analysis, and insight reporting for local organizations.
- Produced decision-support outputs translating complex field datasets into actionable recommendations for program design and investment planning.

JSI Research and Training Institute

Senior Monitoring, Evaluation and Learning Advisor

June 2023 – February 2025

Leadership and Oversight Achievements in MEL for USAID's Momentum® Integrated Health Resilience (MIHR) Project

- Designed and implemented KPI systems, reporting workflows, and data quality processes to strengthen performance measurement and executive decision-making.
- Led large-scale facility and service delivery analytics across 100+ sites, producing operational insights to inform adaptive strategy and resource prioritization.
- Built database structures and ETL workflows using SQL and Excel-based pipelines, improving reporting reliability and reducing manual reporting overhead.
- Served as Acting Project Director during a major budget reduction, maintaining delivery performance and stakeholder confidence through data-driven prioritization.

Fadi Ali Qasem Saif

Senior Data Analyst | Business & Product Analytics

Polish Humanitarian Action

Monitoring, Evaluation, Accountability and Learning Coordinator

April 2022 – June 2023

Lead MEAL Operations in Yemen mission across the project spectrum. Representing Yemen mission in donor M&E-related communications. Key achievements include:

- Owned mission-wide KPI monitoring and analytics workflows, transforming multi-site service datasets into management reporting and operational performance insights.
- Applied structured sampling and statistical summaries to identify coverage gaps and drive program adjustments across interventions reaching 16,000+ participants.
- Synthesized assessment findings into evidence briefs supporting successful funding outcomes and strategic planning and project designs that secured US\$200K in one funding cycle.

Adventist Development and Relief Agency (ADRA), Yemen

Monitoring, Evaluation, Accountability and Learning Coordinator

November 2020 – March 2022

Key Achievements in MEAL Leadership for USG Programs Portfolio (Yemen):

- Managed analytics and performance measurement systems for a \$35M multi-sector portfolio, establishing standardized reporting, governance, and data integrity procedures.
- Led outcome and impact analytics and research across food security, agriculture, livelihoods, and health programs, delivering evidence for strategic optimization.
- Produced analytical inputs supporting proposal development and funding success exceeding \$30M across two cycles.

Monitoring and Evaluation Officer

April 2019 – October 2020

Key Accomplishments in MEAL Implementation for ADRA Yemen's USG Portfolio:

- Implemented baseline/endline measurement frameworks, survey oversight, and analytical reporting to assess effectiveness and improve intervention targeting.

Reporting Assistant

November 2017 – March 2019

Achievements in Reporting and IM for ADRA Yemen's USG Portfolio:

- Delivered high-compliance operational reporting and reduced reporting cycle delays by **50%** through improved workflows and data organization.

America Mideast (AMIDEAST), Yemen

International Education Assistant

June 2014 – November 2017

Achievements in International Education Management at AMIDEAST

- Managed operational systems under audit standards and supported IT infrastructure recovery, enabling rapid resumption of services following disruption.

Selected Analytics & Data Systems Projects

Neural-Transliteration Application | Developer (WFP)

December 2025 – January 2026

- Built a sequence-to-sequence Deep Learning model using **TensorFlow/Keras**. Trained on **70,000+ location records**, achieving **93% validated accuracy**; while exact string matches reached **70%**, over **90% of non-exact outputs were reviewer-approved** as acceptable Arabic–English transliteration variants.
- Achieved **93% validated accuracy** and a 70% exact match score. Reduced manual transliteration workload by **60%**, significantly accelerating the WFP's geographical transliteration project.

Skills Applied: Deep Learning, Python (TensorFlow/Keras), Natural Language Processing (NLP), Data Cleaning.

Comparative Analytics Study (Quasi-Experimental) | Lead Analyst (ADRA)

January 2021

- Designed and executed a 12-month quasi-experimental efficiency study comparing drip vs. traditional irrigation systems across **30 farms**.
- Applied statistical testing (t-tests, effect sizes) to quantify impact, demonstrating 58% cost reduction and 85% water savings. Identified critical adoption constraints (“technology–crop incompatibility”), preventing future resource misallocation and improving intervention design.

Skills Applied: Python/SPSS, Statistical Analysis, Experimental Design.

Relational Inventory Management System (RIMS) | Developer (WFP)

December 2025 – February 2026

- Developed a relational asset-tracking system using **MySQL + C# (.NET)** with audit trails, triggers, and integrity constraints.
- Implemented star-schema design principles to support scalable reporting and accountability. Reduced equipment recording and tracking time by 75% and improved data accuracy by 50%+, ensuring reliable control of high-value assets.

Skills Applied: SQL, Database Design, Automation, Data Governance

Financial Analytics & Cash Flow Optimization | Lead Analyst (Simulation Project)

January 2026

- Built an end-to-end analytics workflow using **SQL + Python ETL** to monitor liquidity and operational finance KPIs (DSO, WIP leakage).
- Modeled 10,000+ transaction-style records to identify revenue leakage patterns and “toxic debt” risk indicators. Produced a forecasting framework with 95% confidence intervals to support proactive cash-flow planning and performance optimization.

Skills Applied: Python (Pandas), SQL, Forecasting, Business Analytics.

Education

Liverpool John Moores University, United Kingdom

Master of Business Administration (MBA) – General

January 2025 – August 2026

University of Aden, Republic of Yemen

Bachelor of Engineering (BEng.) – Information Technology

September 2008 – March 2014

Professional Training Opportunities (Extra)

- MEAL DPro Flex | Humentum
- Oracle 11G DBA (68 hours) | University of Science and Technology
- Oracle 10G Developer (80 hours) | University of Science and Technology

July 2020

February 2014

March 2014