

# FASSIL M.

Bethesda, MD | [fmoges@gmail.com](mailto:fmoges@gmail.com)

## DATA ANALYST | DATABASE & SYSTEM ADMINISTRATOR

### PROFILE

Analytical and solutions-driven IT professional with 12+ years of experience in database management, data analysis, and technical support. Skilled in extracting insights from complex datasets, building predictive models, and automating data workflows using Python and SQL. Strong background in data science, hospitality systems, and enterprise operations with a proven record of improving data accuracy, system efficiency, and decision-making.

### CORE COMPETENCIES

- Data Analysis & Visualization: SQL, Python (pandas, seaborn, matplotlib), Excel, Power BI
- Machine Learning: regression, classification, clustering, NLP, and XGBoost modeling
- Programming & Modeling: data cleaning, feature engineering, predictive modeling, automation
- Database Management: Microsoft SQL Server (SSMS, SSIS, SSAS, SSRS), Oracle
- Data Pipeline & Reporting: ETL workflows, dashboards, and reporting automation
- Technical Tools: Python, SQL, Tableau, Power BI, NumPy, scikit-learn, XGBoost

### PROFESSIONAL EXPERIENCE

#### MARRIOTT INTERNATIONAL — Bethesda, MD

*Auditor / Data Analyst (Operations & Finance) | Jun 2019 – Jan 2022, Jun 2023 – Present*

- Analyzed financial and operational data to identify revenue discrepancies and ensure reporting accuracy.
- Developed and maintained performance dashboards using SQL and Excel for executive reporting.
- Streamlined revenue reconciliation processes, reducing reporting time by 20%.
- Collaborated with finance and operations to interpret data trends and improve forecasting accuracy.

#### FREELANCE / VARIOUS CONTRACTS — Global

*Data & IT Consultant | Jan 2015 – May 2019*

- Designed and implemented SQL Server databases; improved query performance by 30%.
- Developed automated reporting solutions for KPI visualization and business analytics.
- Led client workshops to train staff in analytical tools and data-driven decision making.
- Integrated cloud storage solutions to enhance data accessibility and workflow efficiency.

#### SAIC – U.S. COPYRIGHT OFFICE — Washington, DC

*Senior Support Engineer / Database Analyst | Jul 2009 – Jan 2015*

- Managed SQL Server databases for large-scale federal data systems.
- Created and optimized SQL queries and stored procedures for analysis and reporting.
- Performed trend analysis on performance metrics to support operational decisions.
- Automated database maintenance scripts to improve reliability and uptime.

### PROJECTS (TripleTen Data Science Bootcamp, 2025)

- Customer Churn Prediction Model – Built logistic regression and XGBoost models with 88% accuracy to identify at-risk customers.
- Hotel Booking Demand Analysis – Analyzed 100K+ booking records to uncover seasonality and cancellation trends.
- Financial Dashboard Development – Created a Power BI dashboard visualizing revenue KPIs for improved business insights.

### EDUCATION

George Mason University — Fairfax, VA

*B.S. in Decision Sciences & Management Information Systems*

## **CERTIFICATIONS & TRAINING**

- TripleTen Data Science Bootcamp, 2025
- Microsoft Certified Professional (Querying & Administering SQL Server 2012/2014)

## **REFERENCES**

Available upon request