# MARIA SHIFERAW

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## SUMMARY

Data Analyst skilled in Python, SQL, Tableau, Power BI, and predictive modeling. Experienced in diabetes-related health analytics, telecom churn modeling, and Spark ML. Currently a Business Account Executive at T-Mobile leveraging analytical thinking for data-driven customer recommendations. Seeking Data Analyst or BI Analyst roles.

## SKILLS

Python, SQL, pandas, NumPy, scikit-learn, TensorFlow, PySpark, Tableau, Power BI, Excel (Advanced), AWS, ETL, Data Cleaning, EDA, Statistical Analysis

## EDUCATION

PhD in Data Science (In Progress), University of North Texas — 2024–2027

MS in Data Science, Minnesota State University — 2024

BS, Meredith College — 2022

## PROJECTS

**Diabetes Health Analytics — Preprocessing & Descriptive Statistics (Python)**

• Processed MEPS diabetes dataset: NA imputation, variable merging, feature renaming, and encoding using pandas/Python.

• Conducted descriptive statistics, analyzed socioeconomic impact on outcomes, and tested trends using distributions.

• Delivered findings supporting early risk factor intervention and clinical cost association insights.

**Polygenic Risk Score + ML Model for Type 2 Diabetes**

• Integrated genomic, clinical, and environmental features to build ML-based diabetes risk models.

• Implemented Random Forest & Gradient Boosting; utilized SHAP for model explainability.

• Built a scalable ML framework improving predictive performance over linear PRS-only models.

## EXPERIENCE

**Business Account Executive | T-Mobile — Dallas, TX | 2024–Present**

• Analyzed usage patterns for business clients and recommended solutions aligned to needs.

• Utilized CRM analytics to track KPIs, forecast opportunities, and guide pipeline decisions.

• Improved retention outcomes through insight-driven recommendations.

**Mobile Expert | T-Mobile — Dallas, TX | 2023–2024**

• Increased customer satisfaction by 39% through workflow improvements.

• Leveraged plan/device data to recommend optimized customer solutions.

• Mentored peers and drove a 15% performance increase.