

Morgan Andrew Mendis

morganandrewmendis@gmail.com | +1240-678-3208

Executive Summary

Strategic data and analytics leader with 10+ years of experience in healthcare and technology. Proven ability to scale analytics teams, implement AI-driven solutions, and drive data-centric transformation for business growth. Adept at bridging technical and business domains to create solutions.

Areas of Expertise

- Data Strategy & Governance
- Machine Learning & AI Implementation
- Business Intelligence & Data Visualization
- Agile Project & Product Management
- Cross-functional Team Leadership
- Innovation through Design Thinking

Education

- ❖ M.E. in Systems Engineering | University of Virginia, Charlottesville, VA
- ❖ B.A. in Economics | Florida International University, Miami, FL

Technical Competencies

- **Programming:** Python, R, SQL, Bash
- **AI/Machine Learning:** TensorFlow, Scikit-learn, Langchain, Hugging Face
- **Cloud Platforms:** AWS GCP, Azure
- **BI & Visualization:** Tableau, Power BI, Superset, Plotly, Lightdash, Matplotlib
- **Data Engineering:** Airflow, Azure Synapse, DBT, Snowflake, PostgreSQL, Redshift
- **Application Design:** Figma, FlutterFlow, Streamlit, Flask

Professional Experience

Suvida | Houston, Texas

Director, Technology Strategy | September 2024 - Present

- Drove the strategic vision, design, and implementation of clinical applications, including **EMR configuration** and customization, to optimize patient care pathways.
- Spearheaded software engineering initiatives for custom **clinical decision support applications** and integrations, employing design thinking for human-centered technology solutions.
- Championed **workflow automation** by developing digital workflows and implementing standardized processes, augmenting user productivity and enabling scalable technology support across the organization.

Director, Data & Analytics | August 2022 - August 2024

- Built and scaled the analytics team, supporting **company expansion from 0 to 14 centers** and from 30 to 400+ employees.
- Designed and implemented an enterprise-wide **data warehouse**, integrating multiple clinical and financial systems to streamline operations.
- Developed and deployed **machine learning solutions** for patient risk stratification, improving early intervention strategies.

CareJourney | Arlington, VA

Data Scientist | February 2021 - August 2022

- Created **predictive models using Scikit-learn & TensorFlow** to enhance healthcare analytics solutions.
- Defined **product roadmaps for AI-driven insights**, translating technical capabilities into business impact.

Ayiti Analytics | Port-au-Prince, Haiti

Co-founder, Managing Director | October 2019 - Present

- Established **Haiti's first data science lab**, training **100+ students** and providing **technology consulting to NGOs & enterprises**.
- Secured consulting contracts with NGOs and multinational organizations to **apply AI-driven insights** to economic and public health challenges.

Caris Foundation International | Port-au-Prince, Haiti

Health Systems Informatics Consultant | November 2019 - June 2020

- Led the **redesign of monitoring and evaluation systems** for the National Health system, reducing reporting delays and improving data accuracy.
- Developed an **AI-powered automation tool** that extracted lab results from PDFs and integrated them into an Electronic Medical Record (EMR) system, eliminating manual data entry bottlenecks.

Inspire | Arlington, VA

Data Scientist, Manager | August 2017 - October 2019

- Designed and implemented a **scalable data warehouse and ETL pipeline** using cloud technologies, significantly improving data accessibility.
- Led **Natural Language Processing (NLP) initiatives**, developing sentiment analysis models to interpret customer feedback and social media trends.
- Applied **design thinking methodologies** to create innovative AI-driven solutions for text analysis.

Strategic Consulting Experience

World Bank | Washington, DC

Short-Term Consultant | March 2020 - June 2021

- Designed **interactive Tableau dashboards** for the Poverty and Equity program in Myanmar, enhancing policymakers' ability to monitor and analyze regional armed conflicts.

JDSAT – Navy BUMED | Falls Church, VA

Senior Data Science Consultant | January 2019 - August 2019

- Advised the **Navy Bureau of Medicine (BUMED)** on integrating **advanced analytics and AI** into operational systems, modernizing decision support tools.

Research Publications

- Torquati, M., Mendis, M., et al. (2022). Using the Super Learner algorithm to predict risk of 30-day readmission after bariatric surgery in the United States. *Surgery*, 171(3), 621-627.
- Cobian, J., González, M. G., Mendis, M., et al. (2020). Changes in Health Insurance Coverage Over Time by Immigration Status Among US Older Adults, 1992-2016. *JAMA Network Open*, 3(3), e200731-e200731.