

MIKE TAYLOR III

Data Analyst

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Professional Summary

Detail-oriented Data Analyst with expertise in SQL, Python, R, Tableau, Excel. Experienced in data cleaning, exploratory data analysis, and dashboard design, with a strong record of delivering reports and performance metrics that support strategic decision-making and process improvement. Pursuing a Master's in Data Science with projects in predictive analytics, visualization, and business intelligence reporting.

PROJECTS

Social Media Benchmarking Analysis - Founder-Led Project

2025 - Present

- Designed dashboards and reports to track KPIs and performance trends, delivering insights that optimized content strategy and boosted engagement efficiency for an online education business.
- Tools: Python (Pandas, NumPy, Matplotlib, Seaborn)

All American School of English Website - Founder-Led Project

2025 - Present

- Built analytics systems to capture engagement, retention, and completion data, enabling data-driven improvements that increased client engagement and streamlined operations.
- Tools: Python, Excel, Dashboard Reporting

Sickle Cell Image Classification - Personal Project

2024 - 2025

- Cleaned and analyzed a large healthcare dataset, improving data quality and uncovering patterns that supported more reliable medical decision-making.
- Tools: Python (EDA, preprocessing, visualization)

Bulldozer Price Predictor - Academic Project

2024 - 2025

- Developed forecasting dashboards and regression models to uncover pricing drivers and provide business-focused insights for sales and revenue planning.
- Tools: Python (Linear Regression, Random Forest, Gradient Boosting)

TECHNICAL SKILLS

Core Data Analysis Skills

- SQL (PostgreSQL, MySQL)
- Python (Pandas, NumPy, Matplotlib, Seaborn)
- R (tidyverse, ggplot2, caret)
- Data Cleaning & Preparation
- Exploratory Data Analysis (EDA)
- Statistical Modeling

Visualization & Reporting

- Tableau, Excel (Advanced: Pivot Tables, VLOOKUP, Power Query)
- Dashboard Design & Data Storytelling
- Reporting Automation

Databases & Big Data

- Relational Databases (SQL)
- ETL & Data Pipelines
- NoSQL (MongoDB)

Additional Tools & Technologies

- Git/GitHub (Version Control)
- REST APIs (for data integration)
- Basic Web Tech for Data Apps: HTML, CSS, JavaScript, Bootstrap, React, Node.js, Express

WORK EXPERIENCE

All American School of English – Data Analyst | Founder

01/2020 - Present

Warsaw, Poland

- Analyzed learner performance data from 20+ students using Python and SQL, uncovering trends that improved curriculum design and boosted retention by 20%.
- Built dashboards and tracking systems to monitor engagement and retention, applying A/B testing and reporting tools that increased client satisfaction and improved user retention by 30%.

European League of Football – Data Analyst | Professional Athlete

01/2020 - Present

Berlin, Germany

- Conducted data collection, cleaning, and analysis of player performance datasets, applying statistical methods and visualization techniques to identify trends that improved strategies and boosted team performance by 20%.
- Analyzed marketing and engagement KPIs, building dashboards and reports that informed campaign decisions and drove a 25% increase in brand visibility and fan engagement.

Georgetown Alumni Funds – Data Analyst | Student Caller

08/2017 - 12/2019

Washington, D.C.

- Managed and cleaned alumni datasets with SQL and Excel, ensuring 100% data accuracy and uncovering giving patterns and high-value donor segments.
- Built reports and visualizations that improved outreach strategies, driving more effective decision-making and contributing to a 30% improvement in fundraising efficiency and a 25% increase in alumni donations.

Georgetown University - NCAA Division I American Football Player

07/2015 - 12/2019

Washington, D.C.

- Conducted 14+ hours of weekly performance data analysis on game film using statistical methods and visualization tools, generating insights that refined defensive strategies, identified opponent trends, and improved team performance by 15%.
- Analyzed fan and stakeholder engagement data, delivering insights that guided outreach and marketing initiatives, boosting community engagement and brand visibility by 30%.

EDUCATION

University of Phoenix - Master of Science, Data Science

01/2025 - Present

Phoenix, AZ

University of Phoenix - Bachelor of Science, Computer Science

01/2020 - 12/2024

Phoenix, AZ

Georgetown University - Bachelor of Arts, History

07/2015 - 12/2019

Washington, D.C.

Relevant courses

- Data Structures and Algorithms
- Computer Science I and II
- Calculus I, Finance, Macroeconomics and Microeconomics, Statistics and Probability

CERTIFICATIONS & IN-PROGRESS TRAINING

- **Machine Learning, Data Science & AI — Zero to Mastery (Udemy) — Completed.** Coverage: Python 3; NumPy; Pandas; Matplotlib; Seaborn; scikit-learn; TensorFlow 2; supervised and unsupervised learning; time series; feature engineering; model selection and evaluation; transfer learning; end-to-end ML workflow; portfolio projects.
- **The Complete Web Development Bootcamp — Udemy (Dr. Angela Yu) — Completed.** Coverage: HTML; CSS; JavaScript; React; Node.js; Express; REST APIs; MongoDB; responsive design; full-stack CRUD apps; authentication and sessions; debugging and best practices; Git and deployment; portfolio projects.
- **Google Digital Marketing Certification — Google — Completed.** Coverage: SEO; SEM; Google Ads; Google Analytics; campaign planning; keyword research; content strategy; social and email marketing; conversion tracking; A/B testing; privacy and compliance.
- **The Complete Prompt Engineering for AI Bootcamp (2025) — Udemy — *In progress*, ~50%.** Coverage: prompt patterns, evaluation, LLM safety, tool use; models incl. GPT-5, Copilot, Midjourney; Python ops for LLMs.
- **Big Data Engineering Bootcamp (GCP & Azure) — Udemy — *In progress*, ~20%.** Coverage: Hadoop, Spark, Kafka, Airflow; GCP (BigQuery, Dataflow, Pub/Sub); Azure (Synapse, Data Factory, Storage)
- **The AI Engineer Course 2025 — Udemy — *In progress*, ~50%.** Coverage: Python for AI/NLP, Transformers, LangChain apps, Hugging Face, API integrations.

PROFESSIONAL DEVELOPMENT & INTERESTS

- Exploring data science, data visualization, and emerging technologies.
- Passionate about AI, machine learning, and cosmology.
- TESOL-certified English teacher, studying Polish and German
- Professional football player in European leagues; dedicated to Olympic weightlifting and powerlifting.