

# Muhammed Altindal

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Applied Data Science master's student with experience in Python, SQL, machine learning, statistical analysis, and AI application development. Builds predictive models, interactive analytics tools, and retrieval-based assistants. Brings five years of banking experience, including two years as a teller and three in internal audit, with a foundation in transaction analysis and risk assessment.

## EDUCATION

### **New College of Florida | M.S. in Applied Data Science | 2025 - Present**

Expected graduation: May 2027 | Expected GPA: 3.30/4.00

Relevant coursework: Machine Learning, Applied Statistics, Data Visualization, Database/Data Munging, Distributed Systems.

### **Erciyes University | Bachelor of Business Administration | 2018**

## PROFESSIONAL EXPERIENCE

### **SaraMana Business Products | Data / Software Intern | Jun 2026 - Present**

- Built Customer 360 and an AI assistant in Laravel/PHP and SQL Server, combining service records, customer ratings, and notes into customer summaries, usage analytics, and Excel exports for sales representatives.
- Implemented hybrid SQL and retrieval-augmented generation (RAG) in a development environment, including date-filtered retrieval, idempotent embedding synchronization, retry handling, and access controls.
- Integrated the Claude API with bounded function calling and user confirmation for CRM actions. Iterative model and grounding changes improved human-scored evaluation from 7.5/10 to 9.0/10 on a 10-question test set.
- Supported SQL Server database migration and performance analysis using Query Store and dynamic management views (DMVs) to troubleshoot application data workflows.

### **LocalRelief | Data Science / Research Intern | Jun 2026 - Aug 2026 | Remote**

- Used AI-agent-assisted research to identify, validate, and organize disaster-response resources into structured state and county profiles.

### **Turkiye Emlak Participation Bank | Authorized Assistant Internal Auditor | Sep 2022 - Aug 2025**

- Analyzed transaction data, operational records, and compliance documentation during branch audits to identify anomalies, process gaps, and control weaknesses; presented findings and recommendations to management.

### **Turkiye Finans Participation Bank | Teller | Apr 2020 - Sep 2022**

- Supported customer transactions, daily banking operations, and front-office coordination in accordance with branch procedures and compliance requirements.

## SELECTED PROJECTS

### **BIST100 Stock Outperformance Prediction | Databricks and Machine Learning | Academic Project**

- Built a data pipeline to predict stock outperformance over a 20-trading-day horizon, creating rolling-return, volatility, market, currency, and company-level features.
- Trained Logistic Regression, Random Forest, and Gradient Boosting models with MLflow experiment tracking.

### **Tennis Point Streak Explorer | Statistical Simulation and Streamlit | Academic Project**

- Built an interactive application to analyze French Open point-by-point data and detect streaks by player and set; compared observed streak counts with independent-process simulations using p-values.

## TECHNICAL SKILLS

Programming: Python, SQL, R, PHP

Data science: pandas, NumPy, scikit-learn, data cleaning, exploratory data analysis, feature engineering, statistical modeling, model evaluation, RAG, embeddings

Platforms and tools: SQL Server, PostgreSQL, Databricks/Spark, MLflow, Git/GitHub, Laravel, Streamlit, Excel

Certifications: Google Data Analytics Professional Certificate; Miuul Data Analyst Bootcamp

Languages: Turkish (native); English (professional working proficiency)