

Moeez Malik

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EDUCATION

DePauw University (Bachelor's in Computer Science & Business Analytics) **Graduation Date: May 2026**

Minor(s): English Writing

Summa Cum Laude

Certifications: Microsoft Power BI PL-300, Google Data Analytics, IBM Python for Data Science, Microsoft Azure Fundamentals, Training the Street (TTS) Excel Best Practices, TTS Excel and SQL for Finance, IBM AI Expert Certification

TECHNICAL SKILLS

Programming: Python (pandas, NumPy, Seaborn, scikit-learn), Java, C/ C++, JavaScript, HTML/CSS, Kotlin

Analytics/BI Tools: SQL, Power BI, Tableau, Microsoft Excel, Databricks, Snowflake, Microsoft Azure, AWS

Data & Machine Learning: Predictive Modeling, Churn Analysis, Data Visualization, ETL Pipeline design

Frameworks & Platforms: React, Node.js, Express.js, Django, MongoDB, Bootstrap, Git/GitHub

WORK EXPERIENCE

Cable ONE - Business Analyst | Phoenix, AZ **July 2026 - Present**

- Accepted a full-time return offer from Data Analytics & Insights Team at Cable ONE/Sparklight

Cable ONE - Business Intelligence Intern | Phoenix, AZ **May 2025 - Aug 2025**

- Optimized **11+ Databricks ETL pipelines**, reducing latency by **30%** and improving **BI** dashboards
- Built **3 Power BI** dashboards with **star-schema** modeling, showing broadband adoption across **24** states
- Built churn prediction models with **Python** and **SQL**, identifying key drivers and retention opportunities

Mastercard - Data Analyst Intern, Product Team | Remote **June 2024 - Aug 2024**

- Developed **Python ML** models on **87M+** transactions, boosting product recommendation accuracy by **15%**
- Applied **PySpark** in **Databricks** to uncover customer spending patterns, informing digital payments strategy
- Built **Power BI** dashboards to track adoption **KPIs**, enhancing product manager decision-making

Prindle Institute of Ethics - Data Analytics Intern | Greencastle, IN **Dec 2024 - Jan 2025**

- Collaborated with **6** faculty members to design and integrate business analytics into humanities curriculum
- Built **SQL** databases for market analysis projects, enabling **1,000+** students annually to generate insights
- Developed a **React** interface directly linked to the database, improving workflow efficiency by **37%**

LEADERSHIP EXPERIENCE

AI in Business Club – Founder & President | Greencastle, IN **Jan 2026 - Present**

- Founded a student club to explore **AI/ML** applications in **business** and **analytics** and host guest speakers
- Organized workshops on **AI Agents**, predictive modeling & AI tools (**Python, TensorFlow**) for **64** members

DePauw International Student Affairs - Lead Ambassador | Greencastle, IN **March 2025 - Present**

- Mentored **55+** incoming international students through pre-arrival, visa, and cultural adjustment processes
- Hosted orientation events and provided 1:1 support to students from **25+** countries helping them navigate

PROJECTS

Customer Churn & Revenue Optimization Analysis (March 2026): [\[Project Link\]](#)

- Analyzed **2M+** transaction records using **Python** and **SQL** to identify churn drivers and revenue leakage
- Built KPI dashboards and models (**AUC-ROC 0.90**) improving retention and reducing false positives by **20%**

Broadband Adoption BI Dashboard (Jan 2026): [\[Project Link\]](#)

- Built a **Power BI** star-schema model across **24** states to track adoption, penetration, and YoY trends for executives
- Delivered **KPI** dashboards using **SQL, DAX, Python** turning broadband data into actionable retention insights

AI-Powered Financial Assistant - "Ask Moeez" (J.P. Morgan Inspired) (May 2025): [\[Project Link\]](#)

- Built an AI agent using **LangChain**, and **OpenAI API** to automate financial analysis (DCF, churn insights)
- Reduced analysis time by **43%** while enabling faster, data-driven decision making for efficient BI workflows