

Haroon Ahmad

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PROFESSIONAL SUMMARY

Data Analytics Consultant with experience at **Accenture, Deloitte, and KPMG**, delivering solutions across healthcare, life sciences, oil & gas, banking, and technology industries. Skilled in **Python, SQL, Spark, and cloud platforms (AWS, Azure)** with expertise in data reconciliation, ETL pipelines, and dashboard development. Recognized for bridging technical and business teams, simplifying complex concepts, and driving **data-informed decision-making** for clients and executives.

EXPERIENCE

Accenture – Team Lead (Data Engineer)
Atlanta, GA

Sept. 2022 – Dec. 2023

- **Fortune 100 Oil and Gas Company:** Built ETL pipelines in **Cognite Data Fusion platform** using Python and Spark SQL to contextualize field-device data; created Cognite Python functions to process real-time time-series data and connected to Power BI and Grafana for visualization of pad/well performance, enabling faster operational decisions
- **Medical Device Manufacturer:** Developed **customer analytics records (CAR)** in **Databricks** and **PySpark** to segment customers and predict attrition; visualized results in Power BI dashboards that informed targeted marketing campaigns and retention strategies
- Facilitated **daily Agile standup and sprint planning** with product owners and stakeholders via **Azure DevOps**, driving alignment on requirements, data quality, and deliverables while ensuring projects were completed under budget and on time

Deloitte – Senior Consultant (Digital Controllershship)
Atlanta, GA

May 2019 – Aug. 2022

- **Top U.S. Retail/E-Commerce Platform:** Built SQL pipelines in **Snowflake** to reconcile a **\$20M delta** between Gross Merchandise Value and accounting systems; developed finance dashboards and presented insights to leadership, increasing transparency in financial reporting
- **National Healthcare System:** Migrated manual **Excel/VBA/Access reporting** to a **MySQL + Power BI** solution, reducing reporting time from days to hours; developed Medicare claims benchmarks and interactive dashboards for the steering committee to identify revenue opportunities
- **Global Technology Company:** Supported a global **SAP to SAP S/4HANA migration**, reconciling financial data by country with SQL and Python; built dashboards to track reconciliation progress across regions, ensuring accuracy and reducing risk during cutover

2U/EdX – Data Science Instructor
Atlanta, GA

Sept. 2021 – Apr. 2025

- Taught **10+ six-month cohorts** (13-70 students each) across Georgia Tech, UNC Charlotte, Univ. of Central Florida, and University of Miami, covering a full-stack curriculum: Excel/VBA, Python (Pandas, NumPy, APIs), SQL/SQLAlchemy, Flask, JavaScript/D3.js/Leaflet.js, Machine Learning (supervised/unsupervised, neural networks), and Big Data (Spark, AWS)
- Directed **portfolio-building projects** including EDA, ETL pipelines, Flask + database dashboards, and machine learning applications; managed and mentored up to **6 Teaching Assistants** to support instruction and student success
- Earned consistently strong **student feedback scores** for simplifying complex concepts; collaborated with curriculum designers to identify and resolve content gaps, improving the program's overall quality

KPMG LLP – Audit Associate
San Francisco, CA

Jan. 2015 – Aug. 2017

- **Performed financial statement audits** across Alternative Investments, Banking, Healthcare, and Tech industries, ensuring compliance with GAAP, PCAOB, and SEC regulations
- Analyzed client datasets to identify **anomalies, trends, and control gaps**, leveraging Excel, SQL, and VBA to automate testing procedures and improve audit efficiency
- Partnered with senior auditors and client management to **communicate findings, resolve audit issues, and recommend process improvements** in a professional and timely manner

TECHNICAL SKILLS

- **Programming:** Python, JavaScript, SQL, HTML/CSS, R, VBA
- **Data & ML:** Pandas, NumPy, Scikit-learn, Tensorflow, PyTorch, Keras, PySpark, Hadoop, MapReduce
- **Databases:** MySQL, MongoDB, SQLAlchemy, PyMongo
- **Visualization:** PowerBI, Tableau, Plotly, D3.js, Leaflet.js, LaTeX
- **Web & APIs:** Flask, RESTful APIs, Web Scraping (Beautiful Soup, Selenium), Bootstrap
- **Cloud & Big Data:** AWS (IAM, Athena, Glue, Sagemaker, S3, Cloudwatch), Spark ecosystem

EDUCATION

Georgia Institute of Technology

Atlanta, GA

- **Master of Science in Analytics:** Expected graduation in Spring 2027
- **Certificate:** Data Science and Analytics Bootcamp (2018)

OTHER

- Presented Neural Networks for Beginners workshop at Data Science Connect Conference 2021
- Presented PubChem and PubMed Big Data solution at Southern Section Association of Official Agricultural Chemists 2025