



## FAHAD AKBAR

Thought Partner || Data Science Leader || ML Practitioner || Mentor

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### WHY YOU SHOULD HIRE ME

I don't just build models—my work goes beyond code or prototypes. I operate as a **thought partner** and **own the solution end-to-end**—framing the right problems and driving delivery from idea through deployment and adoption. This ensures measurable impact on decisions, operations, and customer outcomes. Let's solve meaningful problems together 🤝

### CAPABILITIES THAT DRIVE REAL-WORLD IMPACT

**Leadership & Strategy:** Translating Business Problems into AI Systems ☆ Road mapping ☆ Stakeholder Alignment ☆ Expectation Management ☆ 80/20 Problem Prioritization ☆ Continuous Feedback Loops & Iterative Improvement ☆ End-to-End Ownership & Accountability for Outcomes

**Machine Learning & AI:** Predictive Modeling, Forecasting & Optimization ☆ Generative AI & LLM Applications ☆ Causal Inference, Experimentation & Segmentation ☆ Human-in-the-Loop Decision Systems

**Data Engineering & Dashboarding:** Python, SQL, PySpark ☆ AI Agentic Tools (Claude, Codex, Gemini) ☆ Cloud Platforms (AWS, GCP) ☆ Git ☆ Tableau & PowerBI

### SELECTED MOST RECENT PROFESSIONAL EXPERIENCES\*\*

<b>Bain &amp; Company:</b> Senior Manager, Advanced Analytics & DS (USA Seattle/Chicago)	Sep 2022 - Date
<b>PyCaret:</b> Founding Member & Core Contributor (Remote)	June 2019 - Date
<b>MIT (Great Learning):</b> Mentor Applied Data Science Program (Remote)	Mar 2022 - Date
<b>Loblaw Inc:</b> Senior Manager Data Science (Brampton, Canada)	Mar 2020 - Sep 2022

### SELECTED HIGH IMPACT PROJECTS\*\*

**Deal Scoring System (NIQ): Problem:** Pricing decisions were inconsistent and heavily reliant on manual judgment, leading to missed revenue opportunities. **Solution:** Built a standardized decision engine that evaluates deals using historical patterns and structured business rules. **Impact:** Improved pricing consistency and enabled more data-driven, scalable decision-making for the deal desk.

**Promotion Optimization Engine (Office Depot): Problem:** Promotions were driving revenue but lacked clarity on true effectiveness due to less informed discounting decisions. **Solution:** Developed a pricing & promotion optimization framework that models customer response and identifies optimal discount strategies. **Impact:** Enabled smarter promotion planning that resulted in reduced revenue leakage.

**Distributed Demand Forecasting Engine (Loblaw): Problem:** Inaccurate and slow forecasts across hundreds of product-location combinations were driving stockouts and excess inventory. **Solution:** Designed and implemented an automated forecasting system that predicts demand at a granular level and scales across all products. **Impact:** Enabled faster, more reliable planning decisions and improved inventory efficiency across the network.

### SELECTED OPEN-SOURCE PROJECTS\*\*

**PyCaret, Co-Author & Founding Member:** More information at <https://github.com/pycaret/>  
**SparkAutoML, Founder & Author:** For more info Please visit <https://github.com/brainalysis/sparkify>

### EDUCATION

Master of Management Analytics, Smith School of Business, Queen's University, CGPA 3.82, 2019-2020

Chartered Financial Analyst (CFA) level II

Master of Business Administration, International Islamic University, CGPA 3.76, 2005-2006

Bachelor of Business Administration, International Islamic University, CGPA 3.46, 2001-2005

\*\* Total 15 years of Data Science & Advanced Analytics experience. For complete details of experience & projects, please visit my website at [iamfahad.org](http://iamfahad.org)