ABIJITH KISHAN KOTAMARTHY

SENIOR DATA SCIENTIST | LINKEDIN | EMAIL | (778) 316 7347

PROFESSIONAL SUMMARY

Senior Data Scientist & Analytics Advisor with 7+ years of experience and an MBA, bridging the gap between advanced technical engineering and strategic business decision-making. I specialize in applying advanced analytics and predictive modeling to solve complex business problems.

Currently serving as an Analytics Advisor at ICBC, I lead initiatives to implement Machine Learning (NLP) solutions that address customer friction points and modernize legacy data architectures using Microsoft Fabric. I am passionate about using data to solve high-stakes business challenges and am eager to leverage my expertise in a Senior Data Scientist role to apply predictive intelligence at scale.

TECHNICAL SKILLS

- **Data Science & ML:** Python (Pandas, NumPy, Scikit-learn, NLP), Predictive Modeling, Sentiment Analysis.
- **Data Engineering & Cloud:** SQL (Oracle/Standard), Microsoft Fabric, SAS, SPSS.
- **Visualization & BI:** Tableau, Power BI, Qualtrics, Google Analytics.
- **Strategy & Business:** Stakeholder Management, ROI Analysis, Data Storytelling, Agile Methodologies.

PROFESSIONAL EXPERIENCE

ICBC (Insurance Corporation of British Columbia) | Analytics Advisor   Vancouver, BC | October 2022 – Present

In this role, I act as a bridge between technical data and business strategy, helping stakeholders make sense of complex customer feedback.

- **Dashboards & Reporting Automation:** I build and maintain interactive dashboards in Tableau and Qualtrics. I also focus on streamlining our reporting process by creating source files that link directly to Excel, helping to automate the routine parts of data updates and ensuring consistency across the organization.
- **Customer Insights (NLP):** I use Python and Natural Language Processing (NLP) to analyze open-ended customer feedback. This helps the business go beyond simple scores and understand the actual sentiment behind the numbers to improve customer experience.
- **Survey Operations & Sampling:** I manage the end-to-end survey lifecycle using Qualtrics. This involves generating customer samples in SAS and extracting the final data via SPSS to support our Claims, Insurance, and Licensing departments.
- **Data Modernization:** I support the team in migrating and standardizing legacy data into Oracle Database using SQL. This ensures our data capture on servers is robust and facilitates the transition to modern environments like Microsoft Fabric.

Rethink2gether | Data Analyst Intern   Vancouver, BC | April 2022 – July 2022

I joined Rethink2gether to help tackle food waste using data. It was a great opportunity to apply predictive modeling to a real-world environmental problem.

- **Predictive Forecasting:** I utilized Python and Machine Learning algorithms to forecast food demand based on historical public data with data-driven insights on how to minimize kitchen waste and optimize costs.
- **Data Sourcing Strategy**: I proactively gathered and standardized historical data from various public sources, providing a more accurate baseline for our predictive models.
- **Visualization:** Created Tableau dashboards that pinpointed exactly where and when food waste was occurring in restaurants, presenting valuable insights to clients on how to control wastage.
- **Web Analytics:** Helped the team understand their digital audience by setting up Google Tag Manager events and triggers and analyzing KPIs in Google Analytics to improve customer interaction with the website.
- **Social Media Analytics:** Developed dashboards on Databox to track essential KPIs across the company's Instagram, LinkedIn, and website platforms, providing a holistic view of digital performance.

MetrixLab | Analyst   Hyderabad, India | June 2017 – August 2021

Over my 4+ years at MetrixLab, I evolved from a Trainee Analyst to Analyst roles. I started by learning the fundamentals of data handling and gradually transitioned into leading advanced data science projects.

- **Revenue Prediction:** I was responsible for the full data pipeline, which involved querying raw data using SQL, cleaning it, and applying Machine Learning algorithms in Python to predict revenue from product advertisements. I compared these predictions against historical data to help clients plan their budgets.
- **Sentiment Analysis**: I analyzed customer comments using Sentiment Analysis techniques in Python. This provided brands with critical feedback on their product designs, helping them understand user satisfaction beyond just the numbers.
- **Data Storytelling:** My daily work involved transforming raw data into clear Tableau visualizations that allowed clients to easily spot business trends and make decisions.
- **Data Management:** I handled the extraction of large datasets from servers using SPSS and performed rigorous data cleaning and modeling using R and Python to ensure accuracy before analysis began.
- **Client Requirement Analysis:** I worked on diverse projects where I translated broad business requirements into specific data models. This ensured that the cleaning and modeling I did in Python and R directly supported the client's strategic objectives.

EDUCATION

- **Master of Business Administration (MBA):** Business Analytics | University Canada West | Vancouver, BC | 2021 – 2022
- **Post Graduate Diploma (PGDM):** Data Science | IMS Proschool Pvt. Ltd. | Hyderabad, India | 2018 – 2019
- **Bachelor of Technology (BTech):** Information Technology | Jawaharlal Nehru Technological University | Hyderabad, India | 2013 – 2017