

Shakeel Ahamed

Data Analyst • Data Scientist • MBA Candidate • Chennai, India

+91 94442 33768 | shakeelahamed6618@gmail.com | [linkedin.com/in/shakeel-data](https://www.linkedin.com/in/shakeel-data) | github.com/shakeel-data | [Portfolio](#)

Profile Summary

Detail-oriented data professional with hands-on experience in SQL, Python, and BigQuery. Skilled in building end-to-end analytics pipelines, developing machine learning models with up to **87% accuracy**, and delivering actionable insights through data visualization. Eager to apply analytical problem-solving skills to support business growth and innovation in a dynamic, technology-driven environment.

Education

MBA in Business Data Analytics, University of Madras (Distance) | Chennai, India

Expected Jun 2026

Bachelor of Commerce, The New College | Chennai, India

May 2024

Technical Skills

Programming & Databases: Python (Pandas, Scikit-learn), SQL (Joins, Window Functions, CTEs), BigQuery, SQL Server

Machine Learning & AI: TensorFlow, LightGBM, Prophet, K-Means, Random Forest, Hugging Face

BI & Visualization: Power BI (DAX, Power Query), Tableau (LOD), Matplotlib, Seaborn

Cloud & Dev Tools: AWS, GCP, Git, GitHub, Jupyter Notebooks

Core Methodologies: EDA, A/B Testing, Statistical Analysis, Hypothesis Testing, Stakeholder Management

Work Experience

Power BI Trainer (Freelance)

Mar 2025 – Present

Don Bosco Vazhikaatti Tech Mahindra Foundation (DBV TMF) Smart-Broadway | Chennai, India

- Empowered **50+ students** to transform **raw data** into **actionable insights**, leading hands-on workshops that improved dashboard-building speed by **40%** using real-world datasets.
- Delivered **20+ hours** of targeted training on end-to-end **data solutions**, covering data modeling, **ETL (Power Query)**, **DAX**, and **advanced data visualization** techniques to support data-driven decision-making.
- Designed and deployed a project-based curriculum focused on solving complex business problems, achieving a **100%** completion rate and **97%** positive stakeholder feedback.

AR Process Analyst (Full-time)

Sep 2024 – Mar 2025

Omega Healthcare | Chennai, India

- Performed daily **data analysis** on operational datasets using Excel to identify and resolve discrepancies, improving reporting accuracy by **25%**.
- Implemented systematic data verification checks that enhanced the **integrity of raw data**, **reducing dataset errors by 15%** and ensuring accuracy for downstream analysis.
- Enhanced cross-functional team collaboration and data handoffs using Microsoft Teams, **contributing to an 18% reduction in project delays**.

Data & AI Projects

[Google Product Launch Sentiment Analysis](#) | *GenAI, Python, NLP*

- Leveraged generative AI by implementing a Python-based pipeline using the YouTube Data API and Gemini API to analyze **500+ comments** on “Made by Google 2025” launch, automating sentiment data collection and **reducing manual analysis time by 85%**.
- Architected a **dual-model validation system** using a Hugging Face Transformer (**95.2% confidence**) and a custom **TensorFlow LSTM model (542K params, 73.3% accuracy)** to ensure robust, cross-verified sentiment scoring.
- Delivered **actionable insights** showing **71.2% negative sentiment** on presentation style while validating product excitement, deploying a scalable TensorFlow package with dashboards for real-time sentiment tracking.

[Amazon Predictive Sales Forecasting & Customer Segmentation](#) | *Python, BigQuery, Time-Series Analysis*

- Engineered a full-stack data science pipeline using Python and BigQuery to process and analyze over **2.5 million sales records**, reducing the **ad-hoc analysis reporting cycle by 78%**.
- Developed and deployed multiple predictive models (LightGBM, Prophet, Linear Regression) to forecast monthly sales with **87% accuracy**, directly informing inventory optimization strategies projected to **save \$450K annually**.
- Conducted exploratory analysis and applied K-Means clustering to identify **four distinct customer segments**, informing a more targeted marketing strategy that **increased conversion rates by 24%**.

[Telecom Customer Churn & Retention Dashboard](#) | *SQL Server, Python, Power BI*

- Built an automated **ETL pipeline** using SQL Server, optimizing data extraction and transformation to create a reliable, scalable data source for analysis.
- Trained, evaluated, and deployed a **Random Forest classification model** with **85% accuracy in predicting customer churn**, providing the business with a proactive tool to drive retention initiatives.
- Crafted a **dynamic Power BI dashboard using advanced DAX measures** to visualize churn drivers, providing actionable insights that directly informed a **successful customer retention strategy**.

Certifications

[IBM Machine Learning Professional Certificate](#) | Coursera

May 2025

[Meta Database Engineer Professional Certificate](#) | Coursera

Apr 2025

[Microsoft Power BI Data Analyst Professional Certificate](#) | Coursera

Feb 2025

Achievements & Contributions

- Solved **100+** challenges across [HackerRank](#) and [LeetCode](#), achieving 5-Star Gold (SQL) and 5-Star (Python) HackerRank badges.
- Contributed **40+ volunteer hours** to the Agaram Foundation, supporting educational initiatives for underserved students.