# Shaik Mohammad Arif Akram

GitHub   +1 940 758 1655   arifakram807@gmail.com

## EDUCATION

**University of North Texas, G. Brint Ryan College of Business**  Denton, Tx
Master of Science in Business Analytics  Dec 2023
- Relevant Coursework: Generative AI, Machine Learning, Predictive Analytics, Deep Learning, Big Data Analytics, DatabaseManagement, Statistical Modeling, Programming for Analytics, and Data Visualization.

**Acharya Nagarjuna University**  Guntur, India

Bachelors in engineering  June 2020

## CORE COMPETENCIES

**Programming languages & Analytics tools:** Python, R, SAS, SQL, NoSQL, AWS Glue, PowerBI, Tableau, MS Excel, Hadoop, Scala, , Azure SQL Database, Azure Data Factory (ADF), Azure Synapse Analytics, Azure Databricks, ADLS Gen2, Azure Event Hub, Logic Apps, Key Vaults

**Technical Skills:** Statistical Modelling, Data Mining, Predictive Analytics, Regression Analysis, Product Analytics, Scalable, AWS,Machine Learning, PySpark, ETL, A/B Testing, AWS, Deep Learning, and Natural language Processing.

## PROFESSIONAL EXPERIENCE

**McKesson**  Dallas, Tx
**Data Analyst**  Feb 2024 – Nov 2024
- Analyzed healthcare data using Python and machine learning libraries like Scikit-learn and TensorFlow to develop **predictive models**, achieving 87% accuracy in forecasting patient readmissions.
- Processed and analyzed large healthcare datasets (EHR/EMR, claims, clinical data) to optimize resource allocation and patient flow, achieving a **15% improvement in operational efficiency** and reducing bottlenecks in care delivery.
- Utilized **Azure tools** such as **Azure Data Factory (ADF)** and **Azure Synapse Analytics** to build efficient data pipelines, reducing data latency by 40% and enabling real-time actionable insights for clinical and administrative teams.
- Developed **KPI Dashboards** with Power BI to **track patient outcomes and treatment performance, cutting reporting time** by 40% and enhancing data-driven decision-making across departments.
- Partnered with **stakeholders** across departments to ensure seamless **implementation** of data-driven solutions in a **fast-paced environment**.

**Group O**  Dallas, TX
**Data Analyst Intern**  May 2023 – Dec 2023
- Conducted comprehensive data analysis and developed interactive Power BI dashboards for Caterpillar's business unit at Group O, reducing procurement turnover by 10% and saving $40K annually.
- Designed and optimized data warehouses with **dimensional and fact tables, performed regression analysis and time-series forecasting**, and applied advanced statistical models like ARIMA and SVM to drive revenue growth and refine sales strategies.
- Developed and maintained **ETL pipelines to streamline data integration, utilized SQL for efficient querying**, and created detailed Power BI reports in collaboration with cross-functional teams to deliver business-aligned, data-driven solutions.
- Leveraged advanced Excel functions, including VLOOKUP, to efficiently extract and match data across multiple datasets, ensuring accuracy and consistency in reporting.

**Cognizant Technology Solutions**  Chennai, India
**Data Analyst**  Mar 2019 - Dec 2021
- Collected, cleaned, and validated data from **customer orders, restaurant listings, and delivery metrics** to ensure accuracy and drive actionable insights for improving operations.
- Designed interactive dashboards using **Power BI** to visualize key performance metrics, including delivery efficiency, popular cuisines, and customer satisfaction trends.
- Applied statistical techniques like **regression analysis and predictive modeling to forecast order volumes and optimize delivery routes** while collaborating with cross-functional teams to enhance Zomato's customer experience.
- Developed and optimized SQL queries in **Azure Synapse** and **Snowflake** for a food delivery platform zomato. Incorporated **Azure Data Factory (ADF)** pipelines with triggers to automate data integration workflows, including scheduling daily data updates, syncing customer orders, and generating restaurant performance reports.
- Designed and executed SQL queries in **Azure Synapse** and **Snowflake** to manage and analyze data for a food delivery platform. Tasks included retrieving customer order histories, identifying top-selling dishes, and creating restaurant performance insights.

## SELECTED PROJECTS

- **Dynamic Retail Dashboards**: Designed interactive visualizations with Power BI and matplotlib, enabling real-time monitoring of sales, customer behavior, and inventory metrics.
- **AI-Powered Store Analytics Platform**: Developed a full-stack analytics platform with Python, Flask, and OpenAI API, automating natural language insights and predictive analytics for retail giants like Walmart and Costco.