

MERAZ SHEIKH

DATA ANALYST / DATA ENGINEER

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SUMMARY

Aspiring Data Scientist with a strong foundation in mathematics, statistics, and programming. Adapt at building predictive models and deriving actionable insights from data. Looking to contribute to data-driven decision-making and data engineer role in a fast-paced tech environment.

TECHNICAL SKILLS

Programming & Data Science

- Python (Pandas, NumPy, Scikit learn, TensorFlow, Pytorch)
- SQL (PostgreSQL, MySQL)
- Supervised & Unsupervised Learning, Time-Series Forecasting, Deep Learning, Model Optimization
- Data Handling (EDA, ETL, Data Cleaning, Feature Engineering, Data Preprocessing, Statistical Modeling, Hypothesis Testing)

Cloud & Data Processing

- Data Cleaning & Transformation (Pandas, Dask, PySpark)
- ETL Pipelines (Data Extraction, Transformation, Loading)
- Data Wrangling (Handling Missing Data, Data Aggregation)

Soft Skills

- Problem-solving
- Analytical thinking
- Communication

Tools, Automation & Deployment

- Jira & Confluence (Project Management & Collaboration)
- Tableau & Power BI (Dashboard, DAX),
- API Development, Testing, Deployment & Monitoring
- Git & GitHub (Version Control, Code Collaboration)

PROFESSIONAL EXPERIENCE

API Developer, Allied Globetech

July 2021 - Aug 2024

- Migrated 100+ APIs from CA Layer7 to Apigee for HDFC and TransUnion CIBIL clients.
- Developed RESTful APIs handling over 5 million requests with 99% uptime.
- Implemented OAuth 2.0 and JWT security protocols for financial data protection.
- Collaborated with QA teams for comprehensive testing and deployment using CI/CD pipelines.
- Monitored API performance using Splunk and Dynatrace, identifying optimization opportunities.

PROJECTS

Deep Learning – GBP/USD Exchange Rate Forecasting

- Built & evaluated multiple deep learning models (DNN, LSTM, GRU, CNN, custom FNN) on financial time-series data.
- Optimised performance using MAE, RMSE, R<sup>2</sup>, MAPE; best model achieved high short-term forecasting accuracy.

Comparative Study – Binary Classification

- Evaluated 8 ML models (Logistic Regression, SVM, Random Forest, KNN, Naive Bayes) with/without LDA preprocessing.
- Tuned models via Grid Search CV; achieved 98.3% accuracy with KNN (Manhattan distance), with SVM as strong baseline.

Relational Database – Global Shipping Logistics

- Designed & normalized a relational database (15+ tables) for clients, reservations, containers, ships, and routes with enforced business rules.
- Developed SQL queries for container tracking, crew scheduling, and operational validation, addressing real-world supply chain challenges.

EDUCATION

Kingston University, Master in Data Science

Sep 2024 – Sep 2025

- Dissertation on "Deepfake detection using image augmentation".

Arunodaya University, Bachelor in Information Technology

Aug 2017 – Jul 2020

- Awarded First Class

ADDITIONAL INFORMATION

- Languages:** English, Hindi, Marathi, Arabic, Urdu,
- Certifications:** FMT Data Science Certification