

Nafees Shaikh

Data Analyst | Data Visualization Specialist | Fresh Graduate | Entry-Level

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## SUMMARY

Motivated Data Science graduate with strong foundation in data analytics, visualization, and business intelligence. Proficient in Python, SQL, Power BI, and Tableau with hands-on experience in developing interactive dashboards, machine learning models, and data-driven solutions. Completed enterprise-level job simulations with TATA and Quantum, Deloitte, current insights demonstrating analytical skills and eagerness to contribute to data-driven business decisions.

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## EDUCATION

Bachelor of Science in Data Science

Reena Mehta College, Mumbai University | 2022 – 2025

Higher Secondary Certificate (Science)

New Era Junior College, Bhiwandi | 2020 – 2022 Secondary

School Certificate (SSC)

Rafiuddin Fakhi Boys High School, Bhiwandi — 2019–2020

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## SKILLS

**Programming Languages:** Python, SQL

**Data Visualization Tools:** Tableau, Power BI, Excel

**Data Analysis:** Excel, Statistical Analysis, Data Cleaning, Data Modeling

**Business Intelligence:** Dashboard Development, Data Storytelling, KPI Development

**Machine Learning:** Supervised & Unsupervised Learning, Regression, Classification, Random Forest, CNN, NLP

**Soft Skills:** Problem Solving, Adaptability, Critical Thinking

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## PROJECTS

### 1.Smart Inventory Management System

Technologies: Python, Tkinter, SQLite, Scikit-learn

- Built a desktop app for stock tracking, sales processing, and reorder alerts using a custom SQLite database.
- Implemented linear regression for demand forecasting and automated reorder when stock fell below threshold.
- Integrated email notifications for low-stock alerts and generated sales reports with revenue summaries

### 2.COVID-19 Global Tracker Dashboard

Technologies: Tableau | Duration: 1 month

- Engineered comprehensive data visualization dashboard monitoring pandemic trends across 195+ countries
- Implemented advanced filtering and drill-down capabilities for date ranges, regions, and comparative analysis
- Created dynamic KPIs, trend analysis, and forecasting models with 99.9% data accuracy
- Integrated real-time data feeds and automated refresh mechanisms for current insights. Data Cleaning & Transformation (Excel & SQL) Link.

### 3.Netflix Content Intelligence Dashboard

Technologies: Tableau | Duration: 2 months

- Developed interactive business intelligence solution analyzing 8,000+ content library entries
- Designed advanced visualizations including heat maps, geographic analysis, and temporal trend comparisons
- Created content distribution analysis by genre, country, release patterns, and performance metrics
- Implemented user-friendly interface with dynamic filtering for stakeholder self-service analytics.

### 4.Text Summarization & Translation Tool

Technologies: Python, Tkinter, NLP, (Sumy), Google Translate API, gTTS

- Built a GUI tool to summarize, translate, and convert text/audio from PDF, DOCX, and TXT files.
- Integrated multiple NLP summarization algorithms (LexRank, LSA, Luhn, KL) with multi-language support.
- Enabled text-to-speech playback, audio stop control, and summarization history with timestamp logs.

## 5. Agricultural Assistant Tool

Technologies: Python, Random Forest, Keras (CNN), Tkinter, NLTK

- Recommended crops based on soil parameters using a trained Random Forest model.
- Detected plant diseases from leaf images via a CNN-based model trained on the PlantVillage dataset.
- Integrated a chatbot for real-time query handling using NLTK, covering crops, diseases, and schemes.

## 6. Fingerprint & Signature Recognition System

Technologies: Python, OpenCV, Tkinter

- Developed a biometric verification system using ORB feature matching for image-based identity authentication.
- Created a user-friendly GUI with mode switching (signature/fingerprint) and dynamic image comparison.
- Applied preprocessing (Gaussian blur, thresholding) to enhance fingerprint recognition accuracy.

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## Awards

Awarded 3rd Prize by Reena Mehta College on 6th September 2024 in the Model-Making Competition during the Tech Vision event for developing a Fingerprint and Signature Recognition System using Python and OpenCV.

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## CERTIFICATIONS

- **Python Basics** – Cambridge (via UniAthena)
- **SQL, Python, Data Analytics** – (OneRoadmap)
- **Data Mining Course** – (Simplilearn)
- **Data Analysis with Python** – IBM Cognitive Class (Aug 2025)
- **Data Analytics Job Simulation** – Deloitte Australia (Forage, Jun 2025)
- **Data Analytics & Commercial Insights Simulation** – Quantum (Forage, May 2025)
- **Data Visualization Simulation** – Tata Consultancy Services (Forage, May 2025)