Nafees Shaikh
Data Analyst | Data Visualization Specialist | Fresh Graduate | Entry-Level
nafisshaikh114@gmail.com | +91 9975584833 | Mumbai | github.com/datascience619| linkedin.com/in/nafees-shaikh-441405251/ | https://datascience619.github.io/Nafeesio/

SUMMARY

Recent graduate in Data Science with hands on experience in developing data-driven applications and dashboards using Python, SQL, Power BI, and Tableau. Completed multiple capstone projects involving data analysis, machine learning, and visualization including an automated inventory management system and global COVID-19 tracker. Improved data processing efficiency by optimizing SQL queries and implementing clean data pipelines. Skilled in statistical analysis, predictive modeling, and business intelligence, with a strong desire to contribute to data-centric decision making in a dynamic organization.

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

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

PROJECTS

1. Smart Inventory Management System
Technologies: Python, Tkinter, SQLite, Scikit-learn

- Built a desktop application for real time stock tracking and sales management using SQLite.
- Implemented linear regression for demand forecasting and automated reorder when stock fell below threshold.
- Added a email notifications and sales reports, improving inventory efficiency by 20%.

2. COVID-19 Global Tracker Dashboard
Technologies: Tableau

- Engineered a 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
- Performed extensive data cleaning and transformation using Excel and to ensure up-to date accurate insights

3. Netflix Content Intelligence Dashboard
Technologies: Tableau

- 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.

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.

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** – Quantium (Forage, May 2025)
- **Data Visualization Simulation** – Tata Consultancy Services (Forage, May 2025)