Aarya Linesh Mody

Results-oriented data analyst with proven expertise in Python, SQL, Tableau, and machine learning. Skilled at building predictive models, automating data pipelines, and developing AI/NLP-powered tools. Known for delivering insights that improve operations and support strategic decisions. Seeking opportunities in data analytics and business intelligence.

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Project's

Sales Forecasting Using Time Series Analysis

- Forecasted retail sales using ARIMA in Python (MAPE <5%)
- Automated data preprocessing with Pandas/NumPy, reducing prep time by 50%
- Visualized trends in Tableau, aiding stakeholder decision-making.

Sentiment Analysis for Product Reviews

- Developed an NLP pipeline in Python to analyse 50,000 product reviews (92% accuracy)
- Implemented interactive dashboards with Matplotlib and Seaborn, providing real-time insights into customer sentiment trends.

Face Detection Attendance System

- Built a facial recognition attendance system in Python using OpenCV and dlib, achieving 95% accuracy across 100+ users.
- Optimized image processing algorithms to reduce computation time by 40%.
- Integrated SQLite for efficient storage and retrieval of attendance records.

FRIDAY Voice Assistant

- Developed a voice-activated AI assistant with Python, NLP, and APIs.
- Achieved 92% wake word accuracy and <2-second response time.

Professional Experience

Data Research Trainee | TRANSFORM Solutions *Surat, India | June 2025 – Present*

- Conducting web research and data collection for client projects
- Cleaning, structuring, and analyzing datasets using Excel and SQL
- Assisting with insight reporting and visualization to support data-driven decisions

Warehouse Associate | Amazon DSP, Schönefeld, Germany | Nov 2024

- Optimized logistics processes, contributing to a 98% on-time delivery rate for over 100 daily orders.
- Collaborated with cross-functional teams to enhance operational efficiency.

Education

Bachelor's in Information Technology | Parul University, Vadodara, India | Jun 2020 – Apr 2023 | GPA: 8.73/10

- Thesis: Face Recognition Attendance System (95% accuracy)

Extracurricular Activities

Google Developer Student Club, Vadodara

- Led ML and app development workshops; organized 100+ participant AI hackathon.

Technical Skills

- **Languages**: Python, SQL, Java, MATLAB
- **Libraries/Frameworks**: Pandas, NumPy, Scikit-learn, TensorFlow, OpenCV, Flask
- **Tools**: Tableau, Power BI, Git, Jupyter Notebook, AWS
- **Databases**: SQLite, MySQL, PostgresSQL
- **Methodologies**: Machine Learning, Natural Language Processing (NLP), Data Visualization, Predictive Analytics, Agile
- **Expertise**: Machine Learning, Natural Language Processing (NLP), Data Visualization, Predictive Analytics, Financial Modeling

Certifications

- **Google Data Analytics Professional Certificate (2024)**
- **Python for Data Science, IBM – Coursera (2023)**
- **Tableau Essential Training, LinkedIn Learning (2023)**
- **SQL for Data Analysis, Udemy (2023)**

Languages

- Gujarati, Hindi (Native) | English (Fluent, C2) | German (Basic, A2)