

Ayan Sardar *Aspiring Data Scientist | Data Analyst*

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Professional Summary

Computer Engineering student with hands-on experience in Python, MySQL, ML and data analysis tools. As a Data Analyst Intern at NoBroker.com [🔗](#), optimized dashboards and enhanced data accessibility to support informed decision-making. Strong analytical mindset with a focus on practical, data-driven solutions.

Education

2020 – 2024 Pune, India	Bachelor of Engineering Computer Engineering <i>Trinity College of Engineering And Research</i> 🔗
2018 – 2020 Pune, India	HSC <i>Nalanda English Medium School</i> 🔗
2017 – 2018 Pune, India	SSC <i>Glory English Medium School</i> 🔗

Skills

Programming Language

Python

Libraries

Pandas | NumPy | Matplotlib | Seaborn | Scikit-learn

Database

MySQL

Cloud Technology

Amazon AWS

Data Science

Machine Learning (ML) | DL | NLP

Data Analytics

Power BI | Microsoft Excel

Statistics

Web Scraping

BeautifulSoup | Selenium

Project Management

Jira

Professional Experience

10/2024 – 01/2025 Pune, India	Data Analyst Intern <i>NoBroker.com</i> 🔗 <ul style="list-style-type: none">Converted raw datasets into meaningful formats by performing extensive pre-processing activities such as normalization and transformation.Completed data cleaning and data validation of existing spreadsheets to promote robust data management platform, resulting in accurate data analysis and entry.Optimized dashboards to enhance data accessibility and supported management in making informed decisions.
04/2023 – 05/2023 Remote	Machine Learning Intern <i>YBI Foundation</i> 🔗 <ul style="list-style-type: none">Optimized machine learning models using hyperparameter tuning, reducing training time and improving accuracy.Enhanced machine learning model accuracy by implementing advanced algorithms and feature engineering techniques.

03/2023 – 04/2023
Pune, India

Intern – Data Handling & Communication

Convertex India Pvt. Ltd. [↗](#)

- Gained exposure to real-time data and learned how to manage and interpret it in a practical environment.
- Improved interpersonal and communication skills by collaborating with team members and presenting insights.

Projects

EDA - Diwali Sales Data Analysis [↗](#)

Analyzed Diwali sales data using Python (Pandas, NumPy, Matplotlib, Scikit-learn) to understand customer buying behavior. Worked with over 11,000+ records to identify top-selling product categories and key customer segments.

Laptop Data Scraping from Flipkart Using Python [↗](#)

Scraped laptop listings from Flipkart using BeautifulSoup and Selenium to collect product names, prices, ratings, and specifications. Automated navigation across multiple pages(10-15) and structured the data using Pandas for further analysis.

E-commerce Sales Dashboard [↗](#)

Built a dynamic Power BI dashboard analyzing over 2500+ transaction records using DAX and calculated measures. Performed deep analysis and forecasting to track KPIs like revenue growth, product-wise profitability etc.

Fraud Detection ML Model [↗](#)

Built a supervised machine learning model on 600,000+ financial transactions to detect fraud using Random Forest and Gradient Boosting classifiers. Achieved 97% accuracy and 94% precision in identifying fraudulent activities.

Pizza Sales Data Analysis (MySQL) [↗](#)

Designed and executed SQL queries on 20,000+ pizza sales records to extract insights on peak sales hours, top-selling items, and order frequency. Also used aggregate functions and JOINS to support data-driven business decisions.

Courses and Certifications

- **Data Science with Python Career Program** – Skill Academy by Testbook Oct 2023 – Sep 2024
- **Data Science Certification (Batch 1)** – 5 Minutes Engineering
- **Data Analytics Certification** – LearnTube by CareerNinja
- **Data Analyst & Power BI Certification** – Udemy
- **Python Programming Language** – Disha Academy
- **Software Programmer – Python (NASSCOM Certified)**

Languages

- English
- Hindi
- Bengali
- Marathi

EXTRA-CURRICULAR ACTIVITIES

- Led a certified peer session on exam and interview preparation for juniors, demonstrating leadership and mentorship skills.
- Participated in BETSOL's industry session: "How to Be Industry Ready?"
- **BGMI Gaming Champion** – Intra-college tournament winner (2-time titleholder).
- Created story-driven videos on **YouTube** as part of a creative media initiative.