Ayan Sardar

Aspiring Data Scientist | Data Analyst

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📍 Pune, IN 412208

PROFESSIONAL SUMMARY

Computer Engineering student with hands-on experience in Python, MySQL, machine learning, and data analysis. As a Data Analyst Intern at NoBroker.com, improved dashboards and data access to support smarter decisions.

EDUCATION

Trinity College of Engineering and Research *Pune, India*
Bachelor of Engineering | Computer Engineering *2020-2024*
- Among the top 5% of the batch
- Relevant coursework in Data Science, Machine Learning, Data analytics

Nalanda English Medium School *Pune, India*
HSC *2018-2020*

Glory English Medium School *Pune, India*
SSC *2017-2018*

SKILLS

Programming Language: Python
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
Database: MySQL
Cloud Technology: Amazon AWS (S3, Athena, EC2)
Data Science: Machine Learning (ML), DL, NLP
Data Analytics: Power BI, Microsoft Excel
Statistics
Web Scraping: BeautifulSoup, Selenium
Project Management: Jira

PROFESSIONAL EXPERIENCE

NoBroker.com *Pune, India*
Data Analyst Intern *10/2024 – 01/2025*
- Completed data cleaning and validation of existing Excel sheets, boosting data accuracy and consistency by 90%.
- Analyzed 100+ newly onboarded real estate projects monthly and updated insights on internal dashboards to ensure data accuracy.
- Optimized master data lists to improve data accessibility and supported management in making informed decisions.

YBI Foundation *Remote*
Machine Learning Engineer Intern *04/2023 – 05/2023*
- Developed 5+ machine learning models on datasets with over 10,000 entries, using hyperparameter tuning to reduce training time and boost performance.
- Improved model accuracy up to 95% by applying advanced algorithms, feature engineering techniques, and thorough data preprocessing.

Convertex India Pvt. Ltd. *Pune, India*
Intern – Data Handling & Communication *03/2023 – 04/2023*
- Enhanced communication and interpersonal skills by working with a cross-functional team of 5+ members, and interacted with over 100 company staff across various support and operational roles.
- Managed and interpreted real-time data for over 300+ workers in a practical business environment.

PROJECTS

EDA - Diwali Sales Data Analysis - [GitHub](#)
- Analyzed Diwali sales data using Python (Pandas, NumPy, Matplotlib, Scikit-learn) to understand customer buying behaviour.
- Worked with over 11,000+ records to identify top-selling product categories and key customer segments.

Laptop Data Scraping from Flipkart Using Python - [GitHub](#)
- Scraped laptop listings from Flipkart using BeautifulSoup and Selenium to collect product names, prices, ratings, and specifications.
- Automated navigation across 10–15 (multiple) pages and structured the data using Pandas for further analysis.

E-commerce Sales Dashboard - [GitHub](#)
- Performed deep analysis using Power BI and forecasting to track KPIs such as revenue growth and product-wise profitability.
- Built a dynamic dashboard analyzing over 2,500 transaction records using DAX and calculated measures.

Fraud Detection ML Model - [GitHub](#)
- 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 using MySQL - [GitHub](#)
- Designed and executed SQL queries on 20,000+ pizza sales records to extract insights on peak sales hours, top-selling items, and order frequency.
- Utilized aggregate functions and JOINs to support data-driven business decisions.

COURSES AND CERTIFICATIONS

- **Data Science with Python Career Program –** Skill Academy by Testbook   *10/2023 – 09/2024*
- **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