Ayan Sardar

Data Analyst Intern | Python | SQL | Power BI | ML

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PROFESSIONAL SUMMARY

Computer Engineering student with practical experience in Python, MySQL, ML, BI tools, and data analysis. As a Data Analyst Intern at NoBroker.in, enhanced dashboards and improved data access to support better decision-making.

EDUCATION

Bachelor of Engineering | Computer Engineering | 8.81 CGPA

Trinity College of Engineering and Research - *Pune, India*   *Jun 2024*
- Among the top 5% of the batch
- Relevant coursework in Data Science, Machine Learning, Data Analytics, Programming

Higher Secondary Certificate (HSC) | 8.02 CGPA

Nalanda English Medium School - *Pune, India*   *Jul 2020*

Secondary School Certificate (SSC) | 9.68 CGPA

Glory English Medium School - *Pune, India*   *May 2018*

TECHNICAL SKILLS

Programming & Analytics:

Programming Language: Python

Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Data Science & Analytics: Machine Learning (ML), Statistics, Data analysis, Data cleaning, Data visualization, Data modelling, Time series analysis, MIS reporting, Dashboard Creation

Web Scraping: BeautifulSoup, Selenium

Tools & Platforms:

Database: MySQL

Cloud Technology: Amazon AWS (S3, Athena)

Data Analytics: Power Bi, Microsoft Excel, MS Office, VLOOKUP, HLOOKUP, DAX, ETL

Project Management: Jira

PROFESSIONAL EXPERIENCE

Data Analyst Intern

NoBroker.in - *Pune, India*   *Oct 2024 –Jan 2025*
- Cleaned and validated existing Excel sheets to improve data accuracy by 90%, and optimized master data lists to enhance accessibility and reporting.
- Explored 100+ newly onboarded real estate projects each month and updated internal dashboards to maintain accurate and up-to-date insights.

Machine Learning Engineer Intern

YBI Foundation - *Remote*   *Apr 2023 – May 2023*
- Built 5+ machine learning models on datasets with over 10,000 entries, applying hyperparameter tuning to speed up training and improve model performance.
- Boosted model accuracy to 95% by applying advanced algorithms, feature engineering, and thorough data preprocessing.

Intern – Data Handling & Communication

Convertex India Pvt. Ltd. - *Pune, India*   *Mar 2023 – Apr 2023*
- Worked closely with a cross-functional team of 5+ members and interacted with over 100 staff across support and operations, strengthening communication and collaboration skills.
- Helped the team manage and interpret real-time data for 300+ workers in a practical business setting.

PROJECTS

EDA - Diwali Sales Data Analysis - [GitHub](#)
- Analyzed Diwali sales data using Python (Pandas, NumPy, Matplotlib, Scikit-learn) to understand the buying behavior of over 95% of customers.
- Worked with over 11,000+ records to identify top-selling product categories and perform customer segmentation.

Laptop Data Scraping from Flipkart Using Python - [GitHub](#)
- Scraped laptop listings from Flipkart using BeautifulSoup and Selenium to collect 100+ product names, prices, ratings, and specifications for business insights.
- 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 support KPI tracking for 4+ metrics, including revenue growth and product profitability, reducing reporting time by 25%.
- Created an interactive dashboard analyzing over 2,500 transaction records using DAX and calculated measures.

Fraud Detection ML Model - [GitHub](#)
- Developed 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](#)
- Processed over 20,000 pizza sales records using SQL to uncover insights like peak sales hours, most popular menu items, and customer ordering patterns.
- Utilized aggregate functions and JOINs across 5+ relational tables to generate 10+ necessary key insights.

COURSES AND CERTIFICATIONS

- **Data Science with Python –** Skill Academy by Testbook | Python, Pandas, ML   *Oct 2023 – Sep 2024*

- **Data Science Certification (Batch 1) –** 5 Minutes Engineering | Machine Learning, Scikit-learn

- **Data Analytics Certification –** LearnTube | Excel, SQL, Data Visualization

- **Data Analyst & Power BI Certification –** Udemy | Power BI, MySQL, Excel

- **Python Programming Language –** Disha Academy | Python Basics, OOP

- **Software Programmer (Python) –** NASSCOM Certified | Python Programming, Industry Standards

LANGUAGES

- English
- Hindi
- Bengali
- Marathi

EXTRA-CURRICULAR ACTIVITIES

- Led a certified peer session on exam and interview preparation, mentoring 100+ juniors while fostering collaboration and providing practical guidance.
- Participated in BETSOL's 3-hour industry session 'How to Be Industry Ready?'
- BGMI Gaming Champion – Intra-college tournament winner (2-time titleholder).
- Created 15+ story-driven videos on YouTube as part of a creative media initiative