

PROFESSIONAL SUMMARY

Results-oriented Data Scientist with a Master's in Computer Science and 2+ years of exposure to **Python, SQL, and Predictive Modeling**. Expert in engineering end-to-end ML pipelines (ETL, EDA) that drive business efficiency. Skilled in translating raw datasets into actionable insights using statistical analysis and visualization, reducing decision-making time by ~20%. Proficient in **Deep Learning, AWS, and CI/CD** with a proven track record of deploying models with 98% accuracy.

TECHNICAL SKILLS

- Languages: Python, SQL, JavaScript, HTML5, CSS3
- ML & AI: Supervised/Unsupervised Learning, Deep Learning, NLP, CNN, Regression, Classification
- Libraries: Pandas, NumPy, Scikit-Learn, TensorFlow, Keras, Matplotlib, Seaborn
- Cloud/Tools: AWS (EC2, S3), Git, Docker, CI/CD, Power BI, Tableau, PostgreSQL, MySQL

PROFESSIONAL EXPERIENCE

- Full Stack Data Science (Apprenticeship) - AlmaBetter

Jun 2025 – Present

 - Engineered scalable Machine Learning models for 3+ real-world production use cases, boosting prediction accuracy.
 - Orchestrated end-to-end ETL pipelines handling 10,000+ data points, including cleaning, feature selection, and tuning.
 - Deployed a fully responsive portfolio using Astro.js & Tailwind via CI/CD automation, ensuring 99.9% uptime.
- Data Science Intern - The Sparks Foundation & Prodigy InfoTech

Mar 2024 – Jun 2024

 - Automated data quality checks using Python scripts, improving dataset accuracy by 25% and reducing manual errors.
 - Formulated regression and classification models, achieving optimal performance metrics (RMSE, F1-score) on 5+ datasets.
- Data Analyst Intern - Mentorness & Cognorise InfoTech

Mar 2024 – Jun 2024

 - Designed interactive Power BI dashboards to track KPIs, visualizing 50+ key metrics for stakeholder review.
 - Executed complex SQL queries to automate reporting, cutting manual data retrieval time by 30%.
- Independent Research & Upskilling - Self-Directed

Jan 2022 – Feb 2024

 - Sharpened analytical reasoning and logic through 2000+ hours of UPSC preparation and problem-solving exercises.
 - Mastered foundational concepts in Python, SQL, and Statistics through 10+ completed mini-projects.
- Associate (Operations) - British Airways (WNS)

Dec 2019 – Dec 2021

 - Streamlined workforce reporting systems, improving operational efficiency by ~15% across the department.
 - Directed data-driven analysis to minimize reporting delays, saving approximately 5 hours per week.

KEY PROJECTS

- Kindle Recommendation System (Python, SVD)

Feb 2025

 - Constructed a Matrix Factorization engine (SVD) achieving a low 3.49 RMSE score on user data.
 - View Code on GitHub
- Digit Recognizer (CNN, TensorFlow)

Oct 2025

 - Spearheaded the development of a CNN model achieving 98.92% accuracy on 42,000+ handwritten images.
 - View Code on GitHub
- Retail Sales Optimization (EDA, Pareto Principle)

Aug 2024

 - Uncovered revenue patterns using segmentation and applied the 80/20 rule to identify top 20% sales contributors.
 - View Code on GitHub

EDUCATION

- M.Sc. Computer Science
- Mumbai University | 2021
- B.Sc. Computer Science
- K.M. Agrawal College | 2018

CERTIFICATIONS

- Stanford Online: Intro to Statistics
- IBM: What is Data Science?
- CISCO: Data Analytics Essentials
- SAP: Generative AI