

Ayush Kumar Shaw

Data Analyst (Entry-Level)

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https://github.com/Ayush-shaw-DA?tab=repositories



EXPERIENCE

HR Analyst Intern

SOVA Finserv Pvt Ltd

June 2025 - August 2025 Kolkata

- Assisted the Human Resources department in day-to-day operations, including reporting, team coordination, and project support.
- Contributed to HR data analysis and process documentation to improve overall HR functions.
- Recognized for reliability, dedication, and effective teamwork during the internship

Intern - Power BI Visualization and Analysis

Stockathon Academy

June 2025 - August 2025 Remote

- Led and organized a large-scale cultural fair for artisans dependent on handloom products, providing a platform for sales and promotion.
- Directed team formation, delegated responsibilities, and ensured smooth event operations and marketing initiatives.
- Managed overall logistics, vendor coordination, and stakeholder engagement for successful event execution.

Event Management Lead - NABARD Handloom Mela

NABARD (National Bank for Agriculture and Rural Development)

December 2022 Kolkata

- Led and organized a large-scale cultural fair for artisans dependent on handloom products, providing a platform for sales and promotion.
- Directed team formation, delegated responsibilities, and ensured smooth event operations and marketing initiatives.
- Managed overall logistics, vendor coordination, and stakeholder engagement for successful event execution.

PROJECTS

Supervised Learning & Classification Projects (June 2024)

Developed classification models predicting patient conditions and marketing conversions using Python and scikit-learn. Addressed data imbalance, executed comprehensive EDA, and improved predictive accuracy.

Feature Engineering & Model Tuning (September 2024)

Applied ensemble methods for semiconductor yield prediction. Enhanced production efficiency by identifying key influencing features and optimizing process variables.

AIML Capstone-Deep Learning & NLP Solutions (March 2025)

Implemented a deep learning pipeline to detect/localize inflammation in medical images. Developed an NLP-based ticket classification model and ML/DL-backed chatbot to identify and highlight workplace safety risks.

EDUCATION

MBA (Fintech) in collaboration with NSE

Chandigarh University, Mohali, Punjab

July 2024 - June 2026

BBA (Finance)

Brainware University, Barasat

July 2020 - July 2023

Intermediate (Commerce, CBSE)

Sudhir Memorial Institute, Kolkata

July 2019 - July 2020

Matriculation (CBSE)

Sudhir Memorial Institute, Kolkata

July 2017 - July 2018

CERTIFICATIONS

Post Graduate Program in Artificial Intelligence and Machine Learning, Great Learning

2024 - 2025

Advanced Certification in Data Visualization Tools, Chandigarh University

2024

Microsoft Power BI Desktop: Business Intelligence Specialist Microsoft

2025 - Present

INTRODUCTION TO FINANCIAL MARKETS, NSE Academy

2024

R & PYTHON FOR FINANCE, NSE Academy

2024

Financial Derivatives & Analytics For Finance, NSE Academy

2025

AI/ML IN FINTECH, NSE Academy

2025

SKILLS

- Programming:** Python (Pandas, NumPy, scikit-learn), C++, OpenCV, PyTorch
- Databases:** SQL
- Data Visualization & BI Tools:** Power BI, Tableau, Matplotlib, Seaborn, Excel (Pivot Tables, Power Query)
- Machine Learning:** Supervised Learning (Random Forest, Decision Tree, SVM), Unsupervised Learning, Regression & Classification, Time Series Analysis (ARIMA), Predictive Modelling, Statistical Analysis
- AI & Computer Vision:** YOLOv5, Object Detection, Speech Recognition, Geolocation (geopy, geocoder)
- Data Management:** ETL, Data Cleaning & Preparation, Dashboard Development, Reporting & Automation
- Soft Skills:** Leadership, Problem Solving, Business Analysis, Data Storytelling, Team Collaboration, Critical Thinking