# ADITYA SHARMA

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Portfolio: Aditya Sharma | Data Scientist

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## PROFILE

Data Scientist with hands-on experience in machine learning, time-series forecasting, NLP, and business analytics through internships and real-world projects.

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## SKILLS

**Programming & Data:** Python (Pandas, NumPy, Scikit-learn), SQL
**Machine Learning:** Regression, Ensemble Models, Time-Series Forecasting, NLP
**Data Visualization & BI:** Power BI, Tableau
**Tools:** Streamlit, BigQuery

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## WORK EXPERIENCE

**Canon India Pvt. Ltd. — Data Analytics Intern** | *14 Jul 2025 – 29 Aug 2025*
- Designed an **AI-powered sales analytics dashboard** in Power BI tracking **10+ KPIs** across regions and product categories, improving leadership decision-making efficiency.
- Implemented **time-series forecasting using Prophet (99.7% accuracy)**, reducing inventory planning errors by **20%**.
- Applied **machine learning–based anomaly detection and holiday impact analysis**, identifying **3 key revenue risk patterns**.

**Unified Mentor — Data Science Intern** | *20 Jun 2025 – 20 Dec 2025*
- Delivered 5+ end-to-end data science and machine learning projects across finance, NLP, and forecasting domains.
- Built **time-series forecasting models (Linear Regression, Random Forest, LSTM)** for stock price prediction (Coca-Cola, TCS), achieving **low MAE and strong trend alignment**.
- Developed **regression and ensemble models** for salary and valuation prediction, achieving **R² up to 0.98** through feature engineering and hyperparameter tuning.
- Implemented **NLP-based multi-class text classification** using TF-IDF and Logistic Regression on 20K+ financial tweets; evaluated performance using accuracy, precision, recall, and F1-score.

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## PROJECTS

**Life Expectancy Analysis (WHO Dataset) - R² = 0.923**
- Built regression and ensemble models on **3,000+ country-level records** to identify key health drivers

**Data Science Job Salaries Analysis - 3,700+ records**
- Predicted salaries with **87.3% accuracy** using ML models.

**AI Sales Prediction & Analysis**
- Built a Power BI dashboard with real-time KPIs and 30-day ML sales forecasting to identify seasonal demand anomalies.

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## EDUCATION

B.Tech (CSE – Data Science), Guru Tegh Bahadur 4th Centenary Engineering College (2023–Present) |
Class XII (83.4%), Class X (87.2%), Indraprastha International School

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