Adarsh Srivastava

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EDUCATION

Gurukul Kangari (deemed to be) University *Haridwar, India*

Bachelor of Engineering in Electronics and communication 2021 – 2025

- Relevant coursework in [Artificial Intelligence, ML, DL, etc.]

SKILLS

Data Science & Analytics: Statistics, Probability, Hypothesis Testing, EDA, Feature Engineering,Model Evaluation, **Machine Learning:** Regression, Classification, Recommendation Systems, Random Forest, XGBoost, Logistic Regression

Programming: Python, SQL, Java

Data & Engineering Tools: Pandas, NumPy, Scikit-learn, Airflow, Docker, PostgreSQL, Git, AWS S3

Visualization: Matplotlib, Power BI

CERTIFICATIONS

- **IBM** Data Science – Jan'24 *(link)*
- Mathematics for Data Science And GenAI **UDEMY** – May'25 *(link)*

EXPERIENCE / Training

TechPyro **Haridwar**

Data Analytics Intern 07 -2024 - 05-2025

- Built insight-rich **Power BI dashboards** and automated Excel workflows, transforming raw business data into actionable insights with scalable KPIs and validation processes.
- Engineered a mini **ELT pipeline on AWS (S3)** to automate data ingestion, cleaning, and reporting for faster analytics cycles.
- Cleaned and modeled supermarket-style raw datasets using **Power Query & DAX**, enabling accurate sales analysis, performance tracking, and operational decision-making.
- Designed advanced visualizations and interactive features (drill-throughs, slicers, tooltips, leaderboards, time-series trends) across dashboards, driving data-driven recommendations for the business.

YBI foundation *Remote*

Machine Learning Engineer 01 June 24 – 30 June 24

- Built a movie recommendation system using collaborative filtering and content-based algorithms, improving relevance of recommendations through feature tuning.
- Performed exploratory data analysis on user–item interaction data to identify patterns and sparsity challenges.
- Evaluated models using precision/recall and iterated on approach to improve outcomes.

PROJECTS

Stock Prize Data-Pipeline **Source code**

- Designed a production-grade data pipeline to ingest and validate financial time-series data for downstream analytics and modeling.
- Performed data quality validation (missing values, schema checks) to ensure reliability of analytical outputs.
- Enabled scalable experimentation and analysis by structuring clean, query-optimized datasets in PostgreSQL.

Sentiment Analysis App **Source code**

- Built a sentiment classification system to analyze customer text data and extract actionable insights.
- Conducted EDA to understand text distributions and feature importance.
- Interpreted model outputs to identify strengths and limitations of TF-IDF based methods.