Abhay Shrivastava

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Professional Summary

Data Analytics Engineer with experience in applying AI/ML to large-scale data for process optimization, automation, and business intelligence. Proven track record in developing advanced analytics solutions, reducing reporting time by 30%, and improving accuracy in financial and operational data sets. Skilled in building scalable data pipelines, statistical models, and dashboards to support cross-functional decision making. Experience in delivering actionable insights to optimize quality, yield, and cost in high-impact environments.

Technical Skills

Programming
Data: SQL, Python, PySpark, Data Modeling, Data Warehousing, ETL **Analytics**
Visualization: Tableau, Microsoft Excel, Statistics
Big Data
Cloud: Azure Data Factory, Databricks, AWS Cloud Foundations
AI/ML: BERT, LLMs, Predictive Modeling, Automation, Business Intelligence

Work Experience

Data Analyst – Inventia Technology Consultants Pvt Ltd   May 2025 – July 2025

- Developed Power BI dashboards that integrate multi-source financial data, reducing reporting turnaround by **20%** and enabling near real-time insights.

- Automated ETL pipelines using SQL and Python, reducing manual processing by **35%** and ensuring consistent and reliable analytics delivery.

- Partnered with procurement and risk teams to define and track KPIs, achieving measurable improvements in compliance and operational efficiency.

- Conducted data reconciliation between vendor feeds and internal systems, ensuring **100% data accuracy** for weekly executive reports.

Academic Projects

- **Manufacturing Data Warehouse**
  ETL (SQL Server): Built enterprise-grade warehouse pipelines that consolidate process data, improve reporting speed by **30%** and supporting yield analysis.

- **Advanced Data Analytics (Python):** Automated KPI metrics and segmentation, reducing the manual analysis effort by **25%** and enabling data-driven decisions.

- **Log Classification System (BERT + Regex + LLM):** Increased unstructured log classification accuracy by **40%**, supporting anomaly detection in system operations.

- **Subscription Upgrade Prediction (ML Models):** Implemented predictive models for customer upgrades, improving targeted campaign conversion rates by **15%**.

Education

MCA – Christ University, Delhi NCR   2024 – 2026
CGPA: 3.60/4.00   2021–2024
BCA (Hons) – ITM University, Gwalior CGPA:
7.99/10.00

Certifications

Intel Unnati Artificial Intelligence, Infosys Big Data (NoSQL, Kafka, Spark), AWS Academy Cloud Foundations

Achievements

Published research paper in IEEE Xplore: *Geochemical Data Exploration Using Machine Learning Methods*