

Ajay Kumar

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EDUCATION

Delhi Technological University

B.Tech (Engineering Physics, Major-Electronics) – CGPA: 7.95

New Delhi

Nov 2022 – Jun 2026

EXPERIENCE

Data Analyst Intern

Jun 2025 – Nov 2025

Srishti Associates

- Extracted, cleaned, and analyzed 50,000+ records from multiple data sources using SQL, Python (Pandas, NumPy), and Power BI.
- Automated 5+ weekly ETL reports, reducing manual effort by 50% and enhancing overall reporting accuracy.
- Designed and deployed 10+ interactive Power BI dashboards for KPI tracking, including budget utilization, labor efficiency, and material consumption.
- Collaborated with cross-functional teams to convert analytical insights into actionable business recommendations, increasing process transparency.

PROJECTS

PredStock | *Python, Scikit-Learn, TensorFlow, Keras, Streamlit*

- Applied regression and time-series models (Linear Regression, ARIMA, LSTM, GRU) to identify long-term trends and improve forecasting accuracy by 15%.
- Processed 10+ years of data (50,000+ records) to analyze volatility, seasonality, and data quality before model development.
- Developed an interactive Streamlit/Power BI dashboard used by 100+ users to compare forecasts and generate insights for decision-making.

Mobile Sales Analytics | *SQL, Excel, Power BI (DAX), Python*

- Designed an end-to-end analytics pipeline using SQL, Python, and Power BI to analyze 3,800+ mobile sales records.
- Identified top-performing brands, high-revenue cities, demographic buying patterns, and key drivers of product returns.
- Developed 17+ optimized SQL queries and custom DAX measures (MTD, YTD, QTD, SPLY) enabling drill-down insights by city, brand, and product category.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, HTML/CSS

Libraries & Frameworks: Pandas, NumPy, Matplotlib, LangChain

Data & BI Tools: Microsoft Power BI, Excel, Jupyter Notebook

Databases: MySQL, Vector Databases

Concepts & Architectures: Generative AI, RAG (Retrieval-Augmented Generation), ETL Pipelines, Exploratory Data Analysis (EDA)

Developer Tools: Git, GitHub, VS Code, Google Colab

ACHIEVEMENTS

IBM Certified: Completed 3 professional courses — Data Analysis with Python, Machine Learning with Python, and SQL for Data Science (2025).

NPTEL (IIT Kanpur): Achieved 2× Elite + Top 1% with perfect scores; ranked among 22,772 and 17,218 learners across two national-level courses.

LeetCode SQL 50 Badge: Solved 50+ SQL problems covering joins, aggregations, window functions, and subqueries.

Desh Ke Mentor Program: Mentored 30+ high school students, improving academic performance and career clarity by 20% through structured guidance.