

Chandan Jha

Data Analyst



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Bhopal, Madhya Pradesh



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SKILLS

Technical Skills

Python | Microsoft Office | Python | SQL | Tablue | Excel | ETL | Motivated | Power Bi

Soft Skills

Problem-solving | Critical Thinking | Attention to Detail | Storytelling with Data | Motivated

SUMMERY

Data Science fresher skilled in Python, machine learning, Matplotlib, and Power BI. Completed 5+ projects achieving up to 85% accuracy, handling datasets of 100K+ rows with Pandas and SQL. Experienced in extracting actionable insights and collaborating on data-driven business solutions.

PROJECTS

COVID-19 Global Insights Dashboard

Apr 2025 - Present

- Developed an interactive COVID-19 dashboard using **Python**, **Matplotlib**, and **Seaborn** to visualize trends across 190+ countries.
- Processed and transformed 50,000+ rows of data with Pandas, aggregating case statistics by region, date, and severity.
- Created **dynamic, user-friendly visualizations** including **time-series plots**, **heatmaps**, and **color-coded graphs** to display daily trends, recoveries, and fatalities.
- Integrated interactive features (dropdowns, filters) to allow users to explore data by date range and location, improving accessibility for non-technical users.

Mutual Fund Performance Analysis Project

Jan 2025 - Present

- Extracted and processed data of 100+ mutual funds with 5+ years of monthly returns using advanced **SQL queries**.
- Calculated performance metrics such as **CAGR**, **volatility**, and **drawdown** directly in SQL to **streamline analysis**.
- Applied **complex joins**, **window functions**, and aggregations for ranking funds based on risk-return profiles.
- Created interactive dashboards and comparison reports in **Power BI** to support **data-driven investment decisions**.
- Used **Python** and **Excel** for supplementary analysis and data validation.
- Optimized SQL queries to handle large datasets efficiently.

EDUCATION

B. Tech : Artificial Intelligence and Data Science

Jul 2021 - Present

Sagar Institue of Research and Techonology Excellence

Degree: PCM with Computer Science

Kendriya Vidhayala J.L.A. Bareilly Cantt

CERTIFICATIONS

Data analyst - Cybrom Technology Pvt. Ltd., Bhopal

Nov 2024 - Jul 2025

- Data Analysis & Visualization** – Proficient in using Pandas, NumPy, Matplotlib, and Seaborn to explore, clean, and visualize data.
- Statistics & Probability** – Solid understanding of descriptive statistics, distributions, hypothesis testing, and inferential techniques.
- Data Preprocessing** – Skilled in data wrangling, missing value handling, feature engineering, and scaling techniques.
- Programming with Python** – Strong coding foundation with emphasis on functions, libraries, loops, and data structures for analysis.
- SQL & Databases** – Able to query relational databases using SQL for data extraction and manipulation.