Chandan Jha

Data Engineer

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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.

INTERNSHIP

Data Scientist Intern   Jun 2025 - Aug 2025

Cybrom Technology Pvt. Ltd. , Bhopal

- Collected and cleaned data from 3+ sources, ensuring 98% accuracy and consistency for analysis.
- Conducted EDA on datasets of 50K+ records using Pandas, Matplotlib, and Seaborn to identify trends and key insights.
- Assisted in developing and tuning 2-3 machine learning models with scikit-learn, improving prediction accuracy by up to 15%.
- Created 4+ data-driven reports and dashboards to effectively communicate findings and support strategic decisions.
- Collaborated with senior data scientists and cross-functional teams on 3 projects for model development and implementation.

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 |

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 : Sagar Institue of Research and Techonology Excellence   Jul 2021 - Jun 2025
Artificial Intelligence and Data Science

Degree: Kendriya Vidhayala J.L.A. Bareilly Cantt
PCM with Computer Science

CERTIFICATIONS

Data Science- 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.
- **Web Scraping** – Knowledge of scraping data using BeautifulSoup
- **Big Data Tools (Intro)** – Exposure to tools like Hadoop, Spark, or cloud platforms (AWS) for scalable data handling.
- **Machine Learning** – Hands-on experience with algorithms using Scikit-learn (e.g.,