

# Deepak Jangra

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## Professional Summary

Data Analyst with strong skills in **Python, SQL, machine learning, Power BI, and Tableau** for analyzing and visualizing complex datasets. Experienced in **data cleaning, ETL, data modeling, statistical analysis, and reporting automation**. Adept at working with **spreadsheets, dashboards, and Google Workspace tools** to deliver insights. Demonstrated ability to **navigate ambiguity, solve problems, and collaborate with cross-functional teams**. Passionate about transforming raw data into **actionable business intelligence and predictive insights**.

## Key Skills

- **Data Analysis & BI:** SQL, MySQL, Power BI, Excel (Advanced), Data Visualization, KPI Reporting, Business Intelligence
- **Machine Learning & AI:** Supervised/Unsupervised Learning, Logistic Regression, Random Forest, Neural Networks, Deep Learning
- **Data Engineering:** Data Cleaning, ETL, Data Modeling, Reporting Automation, Data Warehousing
- **Programming & Tools:** Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), Advanced Excel, Jupyter Notebook, Git, GitHub
- **Soft Skills:** Problem-Solving, Critical Thinking, Communication, Data Storytelling, Collaboration

## Professional Experience

### AAM Infotech Pvt. Ltd.

Apr 2025 - Present

*Data Science with AI Intern*

- Analyzed large datasets to identify trends, providing **actionable insights that supported revenue growth initiatives**.
- Built **interactive dashboards and automated reports in Power BI and Excel**, improving KPI visibility and saving **5+ hours/week** in reporting
- Partnered with senior analysts to ensure **timely, accurate insights**, strengthening decision-making across teams.

### CS Soft Solutions Pvt. Ltd.

Jul 2023 - Aug 2023

*Software Development Intern*

*Mohali*

- Automated routine tasks using **Python (Pandas, NumPy)**, reducing manual effort by **40%**.
- Reviewed and optimized code collaboratively, improving the reliability of **data-driven applications**.
- Contributed to **structured data analysis solutions**, enhancing reporting accuracy.

### TechnoHacks

Jul 2023 - Aug 2023

*Python Developer Intern*

*Remote*

- Designed and implemented an ATM simulator and password generator using Python, demonstrating proficiency in data manipulation and logical problem-solving.
- Applied version control using Git and practiced collaborative coding.

## Projects

### Beats Per Minute (BPM) Prediction App ([Link](#))

- Built a Streamlit-based ML app to predict songs' Beats Per Minute (BPM) using features like rhythm, loudness, and energy.
- Implemented multiple models (XGBoost, LightGBM, Gradient Boosting, Decision Tree) with an ensemble approach for higher accuracy.
- Developed an interactive dashboard supporting single/batch predictions, CSV uploads, and automated model saving/loading with Pickle.

### SQL Data Warehouse & Analytics ([Link](#))

- Designed and implemented a Data Warehouse in SQL Server with Bronze, Silver, and Gold layers for structured data flow.
- Integrated ERP and CRM datasets through ETL processes to ensure clean, analytics-ready data.
- Documented workflows in DrawIO and Notion, and published the project on GitHub portfolio.

### Heart Disease Prediction ([Link](#))

- Built a predictive machine learning model (Logistic Regression, Random Forest, SVM) to classify patients' risk of heart disease.
- Collected and cleaned medical datasets (age, cholesterol, blood pressure, glucose) and applied feature engineering with cross-validation, improving accuracy by 12%.
- Visualized health indicators and model performance metrics using Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn).

## Education

### Panipat Institute of Engineering and Technology, Haryana

Sep 2020 - Jul 2024

*Bachelor of Technology, Information Technology* (GPA: 8.03 / 10)

- **Achievements:** CGPA: 8.03 / 10

### Sadanand Bal Vidya Mandir Sr. Sec School, Panipat

Mar 2019 - Mar 2020

*Senior Secondary, Non-Medical* (GPA: 9.43 / 10)

- **Achievements:** CGPA: 9.43 / 10

## Certifications

- Google Data Analytics Professional Certificate (Coursera): Data cleaning, analysis, visualization with SQL, R, Python, Tableau.
- Python Training Program (EDUCBA): Python programming, OOP, and automation.