PALAK JAIN

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Professional Summary

I'm a data analyst with a B.Tech background who believes data is only valuable when it drives meaningful decisions. My work focuses on translating raw numbers into actionable business insights.
With a strong technical foundation in Python, SQL, and Tableau, I specialize in cleaning complex datasets and building clear, compelling visualizations that support strategic decision-making. I've strengthened these skills through certifications from industry leaders such as Cisco and Deloitte, where I developed expertise in data interpretation and predictive analysis.
I enjoy bridging the gap between data and business by turning analysis into stories that stakeholders can understand and act upon.

Skills

SQL Queries
Tableau Desktop / Public
Data Visualization
Exploratory Data Analysis
Pandas & NumPy
Jupyter Notebooks

Education

Bachelor of Technology, Computer Science and Engineering — Expected in Jan 2027
Techno India NJR Institute of Technology — Udaipur

Senior Secondary Schooling — May 2023
Step By Step Sr. Sec. School — Udaipur

Certifications & Training

Data Analytics Essentials - Cisco Networking Academy / November 17, 2025
Introduction to Data Analytics - Simplilearn / September 9, 2025
Red Hat Certified System Administrator (RHCSA) - Red Hat / August 7, 2025
Data Analytics Job Simulation - Deloitte / February 24, 2025
Free Python Course with Certificate - GeeksforGeeks / 2025
Introduction to SQL - Simplilearn / August 1, 2024

Projects

1. Vendor performance analysis
   - Tech stack: SQL, Excel, and data visualization
   - Description: Conducted a comparative analysis of vendor performance metrics to identify cost variances and supply chain bottlenecks, visualized procurement data to uncover spending patterns, supporting strategic sourcing decisions, and optimizing operational efficiency
2. Breast cancer diagnostic prediction
   - Tech stack: Python (Pandas, Scikit-learn), machine learning, healthcare analytics
   - **Description:** Applied classification algorithms to the Wisconsin Breast Cancer dataset to predict diagnostic outcomes (benign vs. Malignant with high precision, performed exploratory data analysis (EDA) to visualize key correlations between cellular features and malignancy risks
3. Movie industry trend analysis
   - Tech stack: Python (Matplotlib/Seaborn), data wrangling, statistical analysis
   - Description: Performed comprehensive exploratory analysis on large-scale movie datasets (IMDb/TMDB) to evaluate the relationship between budget, genre, and box office revenue, derived actionable insights into audience preferences, and factors driving cinematic success through advanced data visualization

Languages

- English, Professional Proficiency
- Hindi, Native Proficiency