

SAPNA SINGH

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I am a 4th-year student specializing in big data engineering, driven to uncover new possibilities and drive innovative solutions through data. My experience includes analyzing, transforming, and visualizing data to create actionable insights. I am eager to apply these skills to real-world projects, contributing to valuable solutions for the future.

EDUCATION

NIIT University

B.Tech CSE - Big Data Engineering
CGPA: 7.01

Rajasthan, India
Aug 2021 - May 2025

EXPERIENCE

Prodigy InfoTech, Data Scientist Intern

July 2023-Present

- Conducted data cleaning and transformation to ensure data accuracy and consistency.
 - Analyzed datasets to uncover trends and insights for informed decision-making.
 - Created data visualizations to present findings effectively.
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PROJECTS

Amazon Sales Analysis | Tableau

- Segmented product category data to derive insights on sales trends and profitability.
- Cleaned and transformed raw datasets to ensure data consistency.
- Conducted exploratory data analysis (EDA) to extract key metrics and trends, and created an interactive Tableau dashboard for visualizing sales data and performance metrics.

HR Analytics Dashboard | Power BI

- Developed a Power BI dashboard using charts, graphs, and tables to analyze factors influencing employee attrition.
- Identified key insights on attrition trends within the organization.
- Utilized data visualization to understand and address employee retention challenges.

Diwali Sales Analysis | Python

- Analyzed Diwali sales data to enhance customer experience and boost revenue.
 - Used NumPy, Pandas, Matplotlib, and Seaborn libraries for data manipulation, analysis and visualization.
 - Implemented strategies based on insights to optimize sales and satisfaction during Diwali.
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SKILLS

Power BI | Tableau | Python | SQL | Advanced Excel | HTML & CSS |

CERTIFICATIONS

CISCO - Programming Essentials in Python

Coursera - Introduction to Data Analysis using Microsoft Excel

Great Learning - Advanced SQL

Great Learning - Data Visualization using Power BI