

ARNAB MAHADANI

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Technical Skills

Languages: Python, Matlab, SQL

Developer Tools: VS Code, Jupyter Notebook

Frameworks: Tensorflow, PyTorch.

Libraries: Pandas, NumPy, Matplotlib

Data Visualization Tools: Power BI, Tableau

Other Skills: Advanced Excel, Data Analysis, Predictive Modeling, Data Cleaning and Mining.

Relevant Coursework

- Statistics
- Database Management
- Machine Learning
- Problem Solving
- Financial Modeling
- Business Intelligence
- Web Scraping
- Microsoft Azure

Projects

Pizza Sales Data Analytics | *Excel, Power BI*

Dec 2024

[Click here for Project Dashboard](#)

- Analyzed 50,000+ rows of sales data using SQL, reducing processing time by 60 percent by creating dashboard in Power BI.
- Applied data cleaning techniques and visualizations to build an interactive dashboard and gain actionable insights.
- Tracked weekly order trends, identifying peak sales hours and days to improve operational efficiency by 90 percent.

Certifications

Data Analytics and Visualization Job Simulation

June 2024

Forge Virtual Job Simulation Program, Accenture, North America

Position of Responsibility

College Cultural Fest

Organizer

Bit Mesra

- Led a team of 10-20 volunteers to organize a college cultural fest attended by 300+ participants, ensuring smooth execution and timely completion of all events.

IICHE Club

Member

Bit Mesra

- Participated in workshops, collaborated with team members to create basic visualizations.

Education

Birla Institute of Technology

Sep. 2023 – present

Bachelor of Technology in Chemical Engineering

Ranchi, Jharkhand

Others

- Languages: English, Hindi, Bengali
- Hobbies: Dance, Cricket