

# ARNAB MAHADANI

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🌐 [LinkedIn Profile](#)

🐙 [Github-Arnab1876](#)

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## Technical Skills

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**Languages:** Python, Matlab, SQL

**Developer Tools:** VS Code

**Frameworks:** Tensorflow, PyTorch.

**Libraries:** Pandas, NumPy, Matplotlib, Seaborn

**Data Visualization Tools:** Power BI

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

## Relevant Coursework

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- Statistics
- Database Management
- Machine Learning
- Problem Solving
- Business Intelligence
- Microsoft Azure

## Projects

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**Pizza Sales Data Analytics** | *Excel, Power BI*

*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.

**Netflix Data Analysis** | *Pandas, Matplotlib*

- Analyzed 10,000+ rows of data ,cleaned the dataset and visualized the watch patterns.
- Applied data cleaning techniques using pandas and visualizations using matplotlib to visualize and analyze the watch patterns , trends of different genres, compared shoows watchtime hours.

## Certifications

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**Data Analytics and Visualization Job Simulation**

*Forage Virtual Job Simulation Program, Accenture, North America*

## Position of Responsibility

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**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

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**Birla Institute of Technology**

*Bachelor of Technology in Chemical Engineering*

**Sep. 2023 – Present**

*Ranchi, Jharkhand*

**Chinmaya Vidyalaya**

*Higher Secondary, Class: 11,12*

**2020 – 2022**

*Bokaro, Jharkhand*