Anushkaa Prabhat

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EDUCATION

Birla Institute of Technology Mesra, *Ranchi, Jharkhand*   **Expected May 2025**
Degree: BTech in Computer Science and Engineering   *7.61 CGPA*
Usha Martin University, *Ranchi, Jharkhand*   **2019 – 2021**
Degree: Diploma in Computer Science and Engineering   *8.34 CGPA*

WORK EXPERIENCE

Tata Steel

Summer intern   **2024 –Present**
- Developed visual analytics for KPI monitoring within the Raw Material Division.
- Engineered interactive dashboards using **Python**, **Pandas**, **Tableau** and **Matplotlib**; increased data transparency leading to a 45% reduction in decision-making time across departments and improved quarterly performance reviews by 30%
- Improved **KPI tracking** efficiency by 15%

PROJECTS

HR Analytics Dashboard (*Skills: Tableau Public, MS Excel*) - GitHub
- **Key Metrics and Breakdown Analysis**: Displays total employee count, attrition rate (16.12%), & breakdown of attrition by gender, department, and education field, highlighting critical areas such as high attrition in R&D (56.12%) and Life Sciences.
- **Insights on Age and Job Satisfaction**: Shows employee distribution by age and attrition rates by gender and age group, revealing higher attrition among males aged 25-34. It also highlights job satisfaction levels across roles, indicating lower satisfaction in Manufacturing and Healthcare.

Online-Retail-Sales-Customer-Data-Analysis (*Skills: Python, Pandas, NumPy, Matplotlib*) - GitHub
- Analyzed customer data to identify purchasing patterns and key segments.
- Provided actionable insights to enhance sales strategies, resulting in a 10% increase in sales.

Movie-recommender-system (*Skills: Python, Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn*)
- Preprocessed and analyzed the MovieLens dataset using Python and Scikit-learn.
- Designed a user-friendly interface, improving user interaction and experience.

Diwali Sales Analytics (*Skills: Pandas, NumPy, Matplotlib, Seaborn Libraries*) - GitHub
- Conducted sales analysis using authentic Kaggle dataset with Python, NumPy, Pandas, and Matplotlib.
- Delivered insights that helped optimize marketing strategies.

Personal portfolio (*Skills: HTML, CSS)*
- Developed an interactive personal portfolio using HTML and CSS.

TECH SKILLS

Programming Languages: Python, JAVA
Database: SQL
Data Analysis and Visualization: Pandas, NumPy, Matplotlib, Seaborn
Machine Learning Techniques: Regression, Classification, Clustering
Machine Learning Libraries: Scikit-learn
Data Preprocessing: Cleaning and handling missing data
Version Control: Git
Soft skills: Problem-Solving, Decision making, Attention to Detail, Continuous Learning

Positions of Responsibility & Extracurriculars

Drishti   Ranchi, Jharkhand
(DAMINI LEAD)
Led initiatives for women's empowerment and gender equality. **Mentored over 10 students**, promoting education and cultural diversity.

Fine Arts Society
(EXECUTIVE Member)
Coordinated 7 major events, demonstrating strong organizational skills.

Additional Information

- Online Courses and Certificates: Certified for Data Science (A course on cognitiveclass.ai - Powered by IBM Developer Skills Network.)
- Online Courses and Certificates: Front_end_developer Ultimate Guide (**udemy)**