ABHINANDAN KUMAR TETE

Ranchi, Jharkhand

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Education

Birla Institute of Technology, Mesra	**2021 - 2025**
Bachelor of Technology in Production and Industrial Engineering(CGPA of 6.3(Till 6th Sem))	*Ranchi, Jharkhand*
DECENT School	**2019 - 2020**
CBSE (Class XII) (Aggregate: 56%)	*Kota,Rajasthan*
St Joseph Convent School	**2017 - 2018**
ISCE (Class X) (Aggregate: 77.8%)	*Ferozepur,Punjab*

Skills

Programming Languages: Python, **SQL**, R Language
Technologies/Frameworks/Libraries: NumPy, Pandas, Matplotlib, Scikit-Learn , TensorFlow , Streamlit , Seaborn , Regression
Tools/Platforms: Git, Github, Jupyter Notebook, Google Collab, **MS Excel**, Power BI , Tableau
Softskills: Problem solving, Finance , Stock market , Data Analysis , **Statistics & Probability** , Project Thinking, Management , Leadership, Communication & Networking , Market awareness, Business Acumen , Critical thinking , Strategy & analytics

Kaggle

- **Kaggle competitions House Prediction Model Rank (Xgboost) 1950/5000+**
- **Natural Language Processing with Disaster Tweets Rank 305/865+**

Projects

- **Supply chain shipment pricing**
  Developed a regression neural network model to predict shipment pricing, leveraging historical data and optimizing model performance through various training techniques.
- **Amazon Fine Food Review Sentiment Analysis**
  Conducted sentiment analysis on Amazon fine food reviews using Natural Language Processing (NLP) techniques to classify reviews as positive or negative.
- **News Article Categorization**
  Created a machine learning model to categorize news articles into predefined categories (e.g., sports, politics, technology) using BERT embeddings and logistic regression. Data collection was performed through web scraping and APIs.
- **Interactive Power BI Dashboard for Sales Growth and Operational Efficiency**
  - **Sales and Market Insights**: Developed a Power BI dashboard to analyze sales data, identify trends, and guide strategic decisions, leading forecast to a 15% increase in revenue.
  - **Process and Efficiency Optimization**: Integrated KPIs across departments to uncover inefficiencies, resulting in a 10% reduction in operational costs and streamlined workflows.
  - **Predictive Analytics for Strategic Planning**: Implemented forecasting models to anticipate sales trends and inventory needs, forecast improving demand planning accuracy by 20%.
- **Advanced SQL-Based Data Warehouse for Business Intelligence**
  - **Data Warehouse Development**: Designed and implemented a data warehouse using advanced SQL, optimizing data storage and retrieval for business intelligence purposes.
  - **ETL Pipeline Creation**: Developed robust ETL processes to integrate and cleanse data from multiple sources, ensuring high data integrity and consistency.
  - **Complex Query Optimization**: Executed and optimized advanced SQL queries, enabling the generation of analytical reports that supported strategic decision-making.
- **Developed and launched elemis.store** , an e-commerce website replicating the sale of Elemis skin products, integrated with an affiliate program to generate revenue through referred sales.

Relevant Coursework

• Machine learning and Data Science • Data Visualization • Database Management System • Lean Manufacturing

•Supply Chain and Management • Production and Operations Management • Competitive Manufacturing Strategies • Operation research

•Six Sigma   • Statistical Quality Control • Project Management