

Education			
Degree/Qualification	Institute	Score	Year
M.Tech Department of Management Science	IIT Kanpur	-	2025 - 2027
B.Tech Production Engineering	BIT Mesra,Ranchi	7.72 CGPA	2019 - 2023
B.Tech Minor in Computer Science	BIT Mesra,Ranchi	7.72 CGPA	2021 - 2023
Higher Secondary Education(BSEB)	H/S Barri Behta,Sitamarhi	64.6%	2018
Secondary Education (CBSE)	SR DAV public school,Pupri,Sitamarhi	9.8 CGPA	2016

Project	
Self	Walmart Sales Prediction (Link)
Objective: Predicted Weekly Sales Using 8 features and a dataset with 6435 entries using Machine Learning Algorithms. Approach:Data Preprocessing: Managed null values, outliers (Interquartile Range - IQR), scaled variables (StandardScaler), identified collinearity (correlation matrix, heatmap), removed multicollinearity (Variance Inflation Factor - VIF) and selected features (p-value significance). • Models Used: Linear and Polynomial Regression, addressed overfitting with Ridge, Lasso, and Elastic Net. • Toolset: Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn. • Result: Best performance achieved with Multiple Linear Regression: R² Score 0.9277, RMSE 157283.79.	
Self	Sms-Email Spam Detector (Link)
Objective: To classify whether the given mail or sms is spam or not. Approach: Created a machine learning model while performing data cleaning, EDA, text preprocessing and using algorithms like logistic regression ,KNN and decision tree. •Models Used: KNN, Decision Tree, Logistic Regression. • Toolset: numPy,Pandas,Seaborn,Scikit-learn,Nltk,WordCloud • Result: Accuracy achieved using KNN : 0.905 , Decision Tree: 93.23 , Logistic Regression:95.51	
Self	Book Recommender System (Link)
Approach: We used cosine similarity techniques to recommend books. Tools used: Pandas, Sk-learn, Numpy	

Skills
Python,C++,Machine Learning,SQL,Statistics,Data Structures,Algorithms, ML Libraries:Numpy,Pandas,Matplotlib,Seaborn,Scikit-learn

Courses Pursuing (M.Tech Semester - 1)
Probability and Statistics Introduction to Computing Operations Research for Management Data Mining and Knowledge Discovery

Achievements
Cleared JEE Mains
Cleared GATE (2025) with 98.6 percentile in Computer Science
Cleared GATE (2024) with 95.95 percentile in Computer Science