

EDUCATION			
Degree/Certificate	Institute	CGPA / %	Year
M. Tech (Department of Management Sciences)	Indian Institute of Technology, Kanpur	-	2025- Present
B. Tech (Agricultural Engineering)	CAET, Dr.PDKV Akola	8.75 CGPA	2020-24
Higher Secondary Education	S.N. Junior College Sarandi, Tirora	85.36 %	2020
Secondary Education	Pragati High School Sarandi, Tirora	93.60 %	2018
PROJECTS			
BIG MART Sales Prediction Linear Regression (GitHub Link) (Self Project)			August 2025
Objective	To build a predictive model and find out the sales of each product at a particular store		
Approach	- Analyzed a dataset of 8523 cars with 12 features, detailing characteristics of individual products. - Conducted comprehensive EDA, including data visualization and bivariate analysis. - Imputed missing values using statistical methods and performed VIF-based feature selection. - Treated outliers and engineered features to enhance model performance. - Implemented Linear Regression, Gradient Boosting Regressor, XGB Regressor, Lasso, and Ridge models for prediction		
Result	Best result shows the Gradient Boosting Regressor with 0.6 Rsquare and RMSE of 1038.2		
Titanic Survival Prediction Model Machine learning Classification (GitHub Link) (Self Project)			August 2025
Objective	To develop a predictive model to determine survival chances of passengers on the Titanic based on features such as age, sex, and class		
Approach	Data Processing: Handled missing values by imputing 'Age' and 'Embarked', and dropped the 'Cabin' column. Encoded categorical variables. Exploratory Data Analysis : Analyzed and visualized data to understand survival patterns. - Feature Selection: Removed non-predictive features. Model Development: Used Logistic Regression, splitting the data into training and test sets, and evaluated the model's accuracy		
Result	Achieved an accuracy score of 80.76% on training data and 78.21% on test data, indicating effective model performance.		
Zomato Restaurant Data Analysis Data Science EDA (GitHub Link) (Self Project)			August 2025
Objective	To analyze Zomato restaurant data to uncover trends in customer preferences, pricing, rating, and order types (online/offline) to drive strategic business decisions.		
Approach	- Conducted data exploration on datasets which includes the restaurants entries with various features like rating distributions, and cost trends using Matplotlib and Seaborn. - Conducted preprocessing and handled missing values in the data set - Performed EDA on the dataset to carry out the insights. - Compared online vs offline orders via heatmaps and count plots.		
Result	- Identified majority of ratings fell between 3.5-4.0 , indicating consistent customer satisfaction - Offline orders were preferred for dining, while cafes received more online orders.		
COURSEWORK & SKILLS			*in progress
Relevant Courses	Data Mining and Knowledge Discovery* Probability & Statistics* Operations Research for Management* Introduction to Computing*		
Skills	Python ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn*		
Soft Skills	Flexibility Adaptability Team Management Communication Skills Leadership Decision Making		
Certifications	The complete Python Pro Bootcamp (Udemy)		
ACHIEVEMENTS & EXTRACURRICULAR			
- Secured AIR-12 and AIR-56 in GATE AG Exam in 2025 and 2024 conducted by IIT Rorkee and IISc Bangalore respectively. IASE convention memorial prize for securing the highest cgpa in university in first year. - Finished in Top 1% Students in Maharashtra in 12th Board - Selected in INSPIRE SCHOLARSHIP FOR HIGHER EDUCATION Under the Govt. of India.			