

EDUCATION

Degree/Certificate	Institute	CGPA / %	Year
M. Tech (Department of Management Sciences)	Indian Institute of Technology, Kanpur	-	2026-2028
B.Tech (Agriculture Engineering)	Indira Gandhi Krishi Vishwavidyalaya	8.39 CGPA	2021-2025
Higher Secondary Education (CBSE)	J D Public School, Bihar	87.2 %	2019-2020
Secondary Education (CBSE)	J D Public School, Bihar	86.4 %	2017-2018

SELF PROJECTS

Prediction of Health Insurance Medical Cost Machine Learning Regression (Self Project) (GitHub Link) July 2026	
Objective	To predict Health Insurance Medical Cost. The Model was trained utilizing the training data, employing Linear Regression.
Approach	Dataset includes 1338 data points and 7 features. Methodology involves Exploratory Data Analysis , Data Preprocessing, and multi collinearity check, Model building , Model evaluation , Model Validation .
Result	Mean Square Error (MSE) = 0.1873, R Square Value: 0.77957
Customer Conversion via Digital Marketing Machine Learning Classification (Self Project) (GitHub Link) July 2026	
	To Develop a Binary Classification Model to Predict Customer Conversion Through Digital Marketing Interactions
Approach	- Preprocessing: Treated null values, detected outliers, checked multicollinearity, engineered features (conversion_rate, cpa, ctr, avg_transaction_value), and addressed imbalance with SMOTE. - Models Used: Logistic Regression, Support Vector Classifier - SVC, Decision Tree, RandomForest, XGBoost with hyperparameter tuning (GridSearchCV). - Tools: Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, XGBoost, SMOTE (Synthetic Minority Oversampling Technique).
Result	Best performance achieved with XGBoost: Accuracy 0.90875, F1 Score 0.8992.

COURSEWORK & SKILLS

Relevant Courses	Data Mining Analytics* Probability & Statistics* Operations Research for Management* Introduction to Computing*
Skills	Python ML Libraries: NumPy, Pandas, Matplotlib, Seaborn MySQL* Tableau* Excel
Soft Skills	Flexibility Adaptability Team Management Communication Skills Leadership Decision Making

ACHIEVEMENTS & EXTRACURRICULAR

- Secured AIR 4 in GATE 2026 Examination in Agriculture Engineering conducted by IIT Guwahati.
- Completed a NSS Camp in Raipur, Chhattisgarh.