

EDUCATION				
Degree/Certificate		Institute	CGPA / %	Year
M. Tech (Department of Management Sciences)		Indian Institute of Technology, Kanpur	-	2025 - Present
B. Tech (Mechanical Engineering)		DIT University, Dehradun	7.33 CGPA	2015-2019
Higher Secondary Education (CBSE)		S G R R Public School ,Dehradun	87.80 %	2013
Secondary Education (CBSE)		S G R R Public School ,Dehradun	7.40 CGPA	2011
SELF PROJECTS				
Prediction of Health Insurance Medical Cost Machine Learning Regression (Self Project) July 2025				
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) July 2025				
	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.			
Work Experience(32 Months)				
1) Banyan Nation Pvt. Ltd., Hyderabad (Dec 2020-Oct 2021 & May 2022-July 2022). - Managed and analyzed procurement data to optimize supply chain operations and vendor performance. - Collected, cleaned, and maintained records of raw material procurement, contributing to data-driven decision-making and cost control. - Collaborated with cross-functional teams to identify inefficiencies using Excel-based dashboards and reports - Gained hands-on experience in data handling, reporting, and analysis – building a strong foundation for transition into data analytics and science.				
2) SARA SAE Private Limited , Dehradun (Jun 2019-Jan 2021) - Managed customer support, equipment servicing, and troubleshooting for advanced hydraulic systems, ensuring high client satisfaction - Prepared detailed service reports, operational dashboards, and performance summaries to support internal decision-making - Collaborated with cross-functional teams to streamline issue tracking and service resolution through data-based approaches - Gained hands-on experience with Excel, data entry tools, and maintenance of structured service records – laying a foundation in data handling and interpretation.				
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 MySQL* Excel			
Soft Skills	sAnalytical Ability Decision Making Problem Solving Communication Skills Leadership Team Management			
POSITION OF RESPONSIBILITY				
Class Representative B.Tech Mechanical Engineering Department DIT University, Dehradun Represents the batch in official/unofficial matters. Coordinate with Department head and Department office for all academic work if needed.				
ACHIEVEMENTS & EXTRACURRICULAR				
- Secured AIR 173 in GATE 2025 Examination in Engineering Science and AIR 1732 in Mechanical Engineering conducted by IIT Roorkee. - Participated as a team in DIT University Water Rocket event and secured 3rd position. - Written a review paper titled as “Characterization of ABS Material in Hybrid composites” published in SCOPUS JOURNAL - Awarded as best Debut for demonstrating outstanding achievement on procurement by Banyan Nation Pvt. Ltd.				