

EDUCATION			
Degree/Certificate	Institute	CPI / %	Year
M. Tech (Department of Management Sciences)	Indian Institute of Technology Kanpur	Pursuing	2026-2028*
M. Tech (Fibre Science and Technology)	Indian Institute of Technology Delhi	9.389	2022-2024
B.Tech (Carpet and Textile Technology)	Indian Institute of Carpet Technology, Bhadohi	9.07	2017-2021
Higher Secondary Education (ICSE)	St. Mary's School, Bhadohi	83.6	2017
Secondary Education (ICSE)	St. Mary's School, Bhadohi	89	2015
PROJECTS			
Prediction of Health Insurance Medical Cost Machine Learning Regression (Self Project)			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 Reprocessing, 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)			August 2026
Objective	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 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			
1. Management Trainee at Aditya Birla Lifestyle Brands Limited (June 2024-July 2025)			
Supplier Rationalization through Fabric Sourcing Analytics Skills: <i>Supplier Segmentation, Procurement Analytics, Data Visualization</i> Developed a data-driven sourcing optimization framework by analyzing 80 fabric qualities across 20 domestic and international vendors, identifying supplier overlaps and consolidation opportunities Supply Chain Visibility & Inventory Optimization Skills: <i>Cross- functional Collaboration, Data Analysis, MIS Reporting, Data Cleaning</i> Consolidated and analyzed supply planning, inventory, Goods-in-Transit (GIT), and import data to improve end-to-end supply visibility, identify supply risks, and support timely material allocation for seasonal collections.			
2. HR Associate at Trident Limited (August 2021-July 2022)			
Workforce Skill Gap Analytics & Learning Insights Skills: <i>Excel, Data Cleaning, Data Analysis, Descriptive Statistics</i> Analyzed, cleaned, and transformed employee competency, training, and assessment datasets to identify workforce skill gaps, perform descriptive statistical analysis, develop interactive Excel dashboards, and generate data-driven insights for reskilling initiatives and workforce capability planning. Learning Effectiveness & Training Analytics Dashboard Skills: <i>Excel, Dashboard Development, KPI Analytics, Trend Analysis</i> Developed an interactive Excel-based learning analytics dashboard by integrating, cleaning, and transforming employee training, attendance, and assessment data to generate learning KPIs, perform trend analysis, and streamline MIS reporting for data-driven workforce development decisions.			
COURSEWORK & SKILLS			*in progress
Relevant Courses*	Introduction to Computing Data Mining and Knowledge Discovery Probability & Statistics Operations Research for Management		
Skills	Python ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn EXCEL SQL* SAP		
Soft Skills	Analytical Ability Decision Making Communication Skills Leadership Team Management Adaptability		
PUBLICATIONS AND ACHIEVEMENTS			
- Co-Authored (Second Author) the research paper “Photocured Poly(ε- Caprolactone) Nanocomposites as Therapeutic Carriers Fabricated Using Pickering High Internal Phase Emulsion ”, published in the journal ACS Applied Polymer Materials (2025). - Secured AIR 6 in GATE 2026 (TF) conducted by Indian Institute of Technology Guwahati. - Awarded GOLD medal in B.Tech by the then Hon'ble Governor of Uttar Pradesh, Smt. Anandiben Patel, at DR. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow (2021).			