



ACADEMIC DETAILS			
YEAR	DEGREE	INSTITUTE	PERFORMANCE
2020-22	M.Tech (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	8.73* CPI
2016-20	B. Tech (Textile Chemistry)	Uttar Pradesh Textile Technology Institute, Kanpur	8.71 CGPA
2015	Class XII U.P. State Board	R. S. Education Center Inter College	88.20%
2013	Class XII U.P. State Board	Pt. Deen Dayal Upadhyay S. D. Vidyalaya	89%

*Up to 2nd Sem

TRAINING EXPERIENCE	
Product Management Trainee at Doremon Den (EdTech Startup for training Product Management Aspirants)*ongoing	(Aug'21-Sep'21)
<ul style="list-style-type: none"> 6- week-long boot camp focused on building specific targeted skills necessary for the role of a Product Manager through peer-to-peer learning In-depth study of topics like Root Cause Analysis, Product Critique, Product Design, User Journey through various case studies & real-life examples Learned the ability to communicate effectively through frequent team meeting discussions, brain-storming sessions, presentations & collaboration 	

INTERNSHIP	
Data Science Intern at Harvesting India Pvt Ltd (AgriFin Company)	(April'21-July'21)
<ul style="list-style-type: none"> Using objection detection framework, automated fruit detection & sorting and identification of the damaged fruits items Selected a Yolov5 model for training on the dataset consisting of 2000+ fruit pictures, which was split in (70/30) test to train ratio Model obtained 82% accuracy on the test dataset & Initiated model deployment on the Harvesting India website 	

ACADEMIC PROJECTS	
Statistical Modelling for Business Analytics	Telecom Customer Churn Prediction *ongoing (Aug'21-Sep'21)
	<ul style="list-style-type: none"> - Dataset contained 7043 rows (customers) and 21 features such as "customer account", "customer demographic info", "paperless etc. - Performed EDA, applied SMOTE to balance the data and RFE (Recursive Feature Elimination) to select the 15 significant features - Logit and Probit models were used for classifying the churn class; features were dropped based on p-value and VIF - Logit showed better results as the accuracy was about 79%, precision of 73.8% and a recall of 62.4%, AUC of ROC curve was 0.83
Marketing Research	Survey on Xiaomi mobile to analysis the consumer behavior (Feb'21-Apr'21)
	<ul style="list-style-type: none"> - Conducted Survey on Xiaomi mobile to analysis the consumer behavior which would help in covering the large segment of Indian Market - Data collected using online survey, focus groups and conducting 12+ personal Interview with people from different states - Designed cross-sectional case study dynamic survey form using Scaling techniques, pretesting to control internal & external validity - Conducted exploratory descriptive research & analysis data using t -test in SPSS with 90% confidence level to test the hypothesis
Operation Management	Examining the Impact of Covid-19 on Automation Industry Supply Chain (Term Paper) (Feb'21-Apr'21)
	<ul style="list-style-type: none"> - Presented a concise review of impacts, future of the automotive industries & mitigation strategies w.r.t current pandemic situation - Studied and prepared a literature review of the research papers, news reports and the experts view on the subject in question - Report suggested measures like designing and establishing an operating model for responses related to supply chain intervention - Proposed a stepwise process of developing resilient supply chains as the remedy for the firms to tackle the COVID-19 crisis
Applied Machine Learning	NYC Taxi ride pick-up prediction (Feb'21-Apr'21)
	<ul style="list-style-type: none"> - Used K-means clustering to break NYC regions on the Taxi Trip data, to predict the no. of pick-ups for each region in a 10 min interval - Created time interval using the UNIX timestamp, and for data processing, Dask-DataFrame was used instead of Pandas - Applied Linear Regression, R-F Regression, Xg-Boost and Baseline Models on "ratio" and "previous" values - Baseline Model (Exponential Moving Average) worked best on the basis of MAPE score with 14% on train and 13.6% on test data set

SELF PROJECTS	
Power BI Dashboard	Sales Insights for a Computer Hardware Company (Jan'21-Mar'21)
	<ul style="list-style-type: none"> - Dataset included 150k+ datapoints of sales data, including the customers, dates, markets, products & transactions - Performed Data cleaning and ETL (Extract, transform, load), currency normalization and sorted out the invalid values - Created Key performance indicator in Power BI dashboard to get insights, which would help in making data driven decisions
NLP & Deep Learning	Amazon Sales Recommendation (Jan'21-Mar'21)
	<ul style="list-style-type: none"> - Build a recommender system, which recommends similar apparels items using text and image data, data obtained through web scraping - Performed deduping, text pre-processing & data cleaning on 180k rows & 19 columns and get cleaned dataset of 16k rows & 7 columns - Applied Bag-of-words (BoW), Term Frequency-Inverse Document Frequency (TF-IDF) & word2vec (W2V), W2V showed better results - Used CNN model (VGG16) on visual features based on similarity offering good recommendations, 'A B' testing can be used for finalization

ACHIEVEMENTS/AWARDS & CERTIFICATIONS	
<ul style="list-style-type: none"> Secured All India Rank (AIR) 4 in GATE 2020 (TF) with 99.74 percentile Awarded with Amul Vidya Shree Award for outstanding performance at HSC board exams Machine Learning & Deep Learning in Python (4 weeks of hands-on learning with assignments/projects) SQL for Data Analytics (2 weeks of learning through various projects & use case analysis), Time Series Analysis and Forecasting Using Python (13+ hours learning) 	

POSITIONS OF RESPONSIBILITY	
Core Team Member of Alumni Relation Team, IME IIT Kanpur	(Aug'20- Present)
<ul style="list-style-type: none"> Successfully organized up to 20 webinars with the alumni who worked at top position. Initiated the process to organize the virtual meet of alumni in batches to build a good relationship with industries. Coordinated the end-to-end process of data collection and updating relevant details of 300+ alumni of MTech IME, IIT Kanpur 	
Teaching Assistant for the Course IME 603A (Introduction to Computing)	(Aug'21- Present)
<ul style="list-style-type: none"> Handled course logistics and contributed to discussions for improving the course content and delivery 	