

KANCHAN MAAN

ACADEMIC QUALIFICATIONS			
Year	Degree/Certificate	Institute	CPI/%
2022-25	M.Sc. Statistics	IIT Kanpur	5.3
2020	B.Sc.	I.C.G., I.I.S.U., Jaipur	71.06%
2017	CLASS XII(CBSE)	S.B.N.P.S., Jaipur	73.4%
2015	CLASS X (CBSE)	T.P.S., Jaipur	7.8

SCHOLASTIC ACHIEVEMENTS	
<ul style="list-style-type: none">Secured All India Rank 181 in IIT JAM 2022 among 2912 candidates nationwide.Received Academic Award for standing 2nd in the class of German Language Course in B.Sc.	

PROJECTS	
<ul style="list-style-type: none">Securing Finances: A Project on Credit Card Fraud Detection and Mitigation Self Project 📄 June 24-July' 24<ul style="list-style-type: none">Performed EDA, Preprocessing, and Feature Creation by Weight of Evidence.Used Feature Importance Score by Random Forest, LightGBM, and XGBoost for feature selection.Model on Logistic Regression, LightGBM, XGBoost, and CatBoost, calculate precision, recall, and F1 score for accuracy check, and use AUC for final model selection.Chose LightGBM and used y pred probability to prevent fraud by 30.50%.Stock Market Analysis and Forecasting MTH 442 Course Project 📄 Aug'23-Nov'23<ul style="list-style-type: none">Conducted trend estimation employing the Augmented Dicky Fuller Test (ADF). Executed a thorough analysis involving the estimation and meticulous removal of seasonality, enhancing the accuracy of our time series model.Selected the optimal model using autocorrelation function(acf) and partial autocorrelation function(pacf) graphs.Utilized Maximum Likelihood Estimator (MLE) for parameter estimation, elevating the model's precision.Used the model to predict future stock values, offering a reliable tool for anticipating market movements.House Price Prediction Self Project 📄 June'23- July'23<ul style="list-style-type: none">Used programming tools such as Pandas and NumPy.Model that can predict house prices based on your requirements (rooms, area, etc.) using Gradient Descent and Stochastic Gradient Descent Optimizer.Analysis of Road Accidents in India MTH 208A Course Project 📄 Aug'22-Nov'22<ul style="list-style-type: none">Analyze the relationship of road accidents in India with vehicular density, time, weather, and alcohol prohibition.Utilized web-scraping for data collection, employed ggplots and RShiny apps for data visualization and analysis.Provided insights into the effectiveness of alcohol prohibition on road accidents, the relationship between motor vehicle density and road accidents in major cities, and the effect of time & weather conditions on accident rates.	

POSITION OF RESPONSIBILITIES	
<ul style="list-style-type: none">Marketing Executive KP & Company May'22-July'22<ul style="list-style-type: none">Conducting market research and gathering data for insights and analysis.Identifying and pursuing new business opportunities.Building and maintaining relationships with potential clients and collaborators.Collaborating with managers to prepare budgets and monitor expenses in promoting programs and services.Associate NPV & Co Sept'20-Oct'21<ul style="list-style-type: none">Compiling and reviewing financial information.Preparing financial forms, documents, and reports.Assisting with the preparation of clients' budgets and financial statements.Utilize accounting software and tools to facilitate financial analysis and reporting.	

RELEVANT COURSES		
Time Series Analysis	Linear Regression and ANOVA	Statistical & AI Techniques in Data Mining*
Data Science Lab	Multivariate Analysis	Introduction to Probability Theory
Sampling Distributions	Statistical Inference	Descriptive Statistics

TECHNICAL SKILLS	
<ul style="list-style-type: none">Programming Languages: R, PythonDatabases: MYSQLRelevant Software: Jupyter Notebook, MS Word, MS Excel, MS PowerPoint	