

PRIYANK DUBEY

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ACADEMIC DETAILS				
YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	PERCENTAGE
2018-Present	M. Tech. (Industrial & Management Engineering)	Indian Institute Of Technology, Kanpur	IIT Kanpur	7* (CPI)
2010-14	B. Tech. (Mechanical Engineering)	K.I.E.T, Ghaziabad	U.P. Technical University	72.44%
2009	Class XII	S. R. Inter College , Orai	UP Board	82.60%
2007	Class X	S.V.M. Inter College, Orai	UP Board	74.83%

* upto 2nd semester

PROFESSIONAL EXPERIENCE	
Company: TRANSWORLD TERMINALS PVT LTD, Delhi Position Held : Summer Intern	Mentor: Desh Deepak Shakya <i>May-July,2019</i>
<ul style="list-style-type: none">To explore the ongoing Delhi Mumbai Freight Corridor (DMIC) to find potential logistics hubs and to locate a Mega Distribution Centre in the perspective of investment in four sectors – FMCG , LIFE STYLE , CHEMICAL , AUTOMOBILE.To find out the near optimized solution of minimum cost capacity vehicle routing problem with demand and distance side constraints.	

ACADEMIC PROJECTS	
Data Mining	New York city taxi fare prediction . Sep-Oct,2018 Objective- To generate a model for predicting taxi fare by using pick up and drop off locations , date , time and no of persons as dependent variables using R Studio . <ul style="list-style-type: none">Inspected the missing data , unframed data , unexpected data , outliers by using Summary , Box plot , quantile plot.Mutate data into distance covered via different known places and in different attributes of month , day , timing of the journey by using Tidyverse and Lubridate package.Visualize the variation of fare with respect to time , day ,month and year by using gg plot.Used linear Regression , Random Forest and XG Boost and its Ensemble to generate a model.
Statistical Modeling for Business Analytics	Time Series Data Analysis on Bike sharing data. Mar-Apr,2019 <ul style="list-style-type: none">Inspected the data for trends , cyclicity , seasonality and carried out data cleaning by removing outliersApplied ARIMA model : transformed data into stationary time series and identified the AR and MA parts.Chosen best order parameters on the basis of AIC and ACF and PACF plots.Predicted the demand for 95% and 80% confidence intervals.
	Predicted the price of used Toyota Corolla Cars. Jan-Feb,2019 <ul style="list-style-type: none">Created a model to predict the price of used Toyota cars.Used descriptive statistics :mean , standard deviation , correlation , multi-collinearity and heteroscedasticity.Carried out single , multiple , non linear regression to analyze the variation in price with independent variables.Find that weight ,fuel type , type of drive of a car had much more effect on determining the price of the car as compared to time variables like kilometer run and age .
Academic term papers	Stochastic Process : Page ranking Algorithm Mar-Apr,2019 <ul style="list-style-type: none">A brief Mathematical study of page ranking algorithm and correlate it with finite state Markov Chain and find its limitation.The Process includes Google Matrix and Teleportation matrix.
	Operation Management : Equilibrium evolution in two echelon supply chain with financially constrained retailers and impact of equity financing. <ul style="list-style-type: none">Study the impact of external financing (Bank loan and equity financing) and competition intensity on the player's optimal decision and supply chain performance.

COURSEWORK AND SKILLS	
Relevant Courses	Data Mining and Knowledge Discovery Statistical Modeling for Business Analytics Probability and Statistics Stochastic Processes Software Project Management Computer Aided Decision System Introduction to Computing Operations Research for Management Operations Management
Technical Skills	R Python Java C MS Office SQL PHP HTML

AWARDS & ACHIEVEMENTS	
<ul style="list-style-type: none">Got selected in Steel Authority of India Limited (SAIL) for the post of Assistant Manager (Technical) - 2014GATE 2018 Score – 735	