

# MOTILAL MEHER

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EDUCATION			
Degree	Institute, Location	Percentage/GPA	Year
M.Tech (Industrial and Management Engineering)	Indian Institute of Technology ,Kanpur	8.50*/10	2018- Present
B.TECH (Mech. Engg.)	Parala Maharaja Engineering College, Berhampur	8.45/10	2017
Class XII(CHSE ,Odisha)	e-Tech plus 2 science residential college	82.5%	2013
Class X (BSE ,Odisha)	Colliery High School , Talcher	87.16%	2011
<ul style="list-style-type: none"> <li>Qualified <b>Orissa State Talent Scholarship Examination</b> in the year 2007-08.</li> <li>Secured <b>(98.96 percentile)</b> in GATE-2017(Mechanical) &amp; <b>(99.01 percentile)</b> in GATE-2018(Mechanical).</li> <li><b>Finalist</b> in ACCS event during Prabandhan'18 IIT KANPUR.</li> </ul>			2007 2017 -18 2018
CERTIFIED TRAINING AND MAJOR PROJECTS			
<b>Analytics Case Study Competition &amp; Symposium(ACCS) Prabandhan'18, IIT KANPUR 2018</b>	<b>Predict mortality records of a group of people who suffered a disease 'X'.</b> <ul style="list-style-type: none"> <li>The aim of this study is to find out what are the primary factors behind the mortality of the subjects with this disease using training set of data and predict test data.</li> <li>Steps include Data pre-processing , Data Visualization ,Model building and comparison of models, Predicting the test data set using Model using <b>R</b>.</li> <li>Model used is <b>Logistic Regression</b> model (use <b>backward variable elimination</b> method to find out most significant predictors) and matric used <b>accuracy,precision,recall,AUC</b>.</li> </ul>		
<b>Data Mining Project 2018</b>	<b>New York City Taxi Fare Prediction</b> <ul style="list-style-type: none"> <li>Data contain 55 million rows of observations and attributes like date &amp; time ,pick-up &amp; drop-up latitude &amp; longitude ,number of person travel with class level attribute fare prediction.</li> <li>Steps include Data pre-processing and Statistical analysis, Data visualization, Model building and predicting test data from trained model using <b>R</b>.</li> <li>Model used is <b>Linear Regression, decision tree, ensemble methods</b> like <b>random forest</b> and <b>boosting</b> and <b>tune</b> the models and compare them on basis of <b>RMSE matric</b>.</li> </ul>		
<b>Statistical Modelling for Business Analytics Project (2019)</b>	<b>Analysis of Budget spend on different Advertising Media on number of sales</b> <ul style="list-style-type: none"> <li>The Advertising data set consist of the sales of the product in 200 different market ,along with advertising budget for the product in each of those market for three different media; TV, radio, newspaper, and our goal is to develop an accurate model that can used to predict sales on the basis of the three media budget using tool <b>R</b>.</li> <li>Our final model includes TV and Radio variables with <b>adjusted R(square)</b> value close to <b>0.9</b>.</li> <li>We also accessed <b>MLR model</b> assumption like <b>linearity, homoscedasticity ,normality</b> of residual using <b>residual plot and QQ plot</b>.</li> </ul>		
RELEVANT COURSES			
<b>Relevant Courses</b>	Probability & Statistics   Data Mining and Knowledge Discovery  Machine Learning   Operation Research and Management   Machine Learning  NLP  Deep Learning  Statistical Inference  Statistical Modeling for Business Analytics  DBMS  Stochastics theory		
<b>Technical Skill</b>	R  Python  SQL  Java  Data Structure and Algorithm using C and JAVA  Excel  HTML  PHP  CSS		
POSITION OF RESPONSIBILITY			
<ul style="list-style-type: none"> <li><b>Student senate(2019-20)</b> IITK: The committee address the issue related to PG section ,with the vision of better incorporation of the voice of the PG student in the Gymkhana.</li> <li>Coordinated Techno-Cultural fest of P MEC "MAJESTA 2K16".</li> </ul>			
EXTRA CURRICULAR ACCHIVEMENTS			
<ul style="list-style-type: none"> <li>Got 2nd position in High jump in JOSH-19(intra IIT sports festival).</li> <li>Got 1st position in High jump in school level (2004, 05, 06 ,07) and in zonal level(05,06,07).</li> <li>Member of Dhenkanal zone Relay race team (Finishing 2nd).</li> <li>Member of Inter-Branch winning Cricket team in ARENA 2k16 (Annual sports meet ,PMEC).</li> </ul>			