

DIVYANSHU GONEKAR

M.Tech | Department of Management Sciences | IIT Kanpur

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EDUCATION			
YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	PERCENTAGE/CGPA
2024 - Present	M.Tech Department of Management Sciences	Indian Institute of Technology, Kanpur	-
2019-23	B.E. Mechanical Engineering	IET DAVV INDORE	7.8/10
2018	Higher secondary Education CBSE	Vidya Bhumi Public School Chhindwara M.P.	71%
2016	Secondary Education	Vidya Bhumi Public School Chhindwara M.P.	8.2/10

SELF PROJECTS	
<p>Graduate Admission Prediction :</p> <ul style="list-style-type: none">Predicted Admission of people Using 8 features and dataset has 400 entries.Libraries used Pandas, Scikit learn.Employed Linear regression model for accurate prediction of the Admission of Graduate.Results- mean absolute error= 0.0478, mean absolute percentage error= 7.151%, accuracy = 92.848	
<p>Startups Profit Prediction:</p> <ul style="list-style-type: none">Data of 50 new startups.Utilized key Python libraries including NumPy, Pandas, Matplotlib, and Seaborn for efficient data analysis and visualization.Employed Linear regression model for accurate prediction of the profits of startups in respective financial year.Results- R2 score=94.188, Mean absolute error=7222.59, Root mean squared error= 904279.554	
<p>Credit card's fraud transaction prediction:</p> <ul style="list-style-type: none">Predicted whether the transaction is legit or fraud Using 31 features and dataset has 284807 entries.Libraries used Pandas, NumPy, matplotlib, seaborn.Basic data analysis, Under sampling of dataset to make a sub-dataset of it to make a balanced data set.Training of model using Logistic Regression.Accuracy of testing data 0.93401.Precision of testing data is 0.96703.	
COURSEWORK AND SKILLS	
Relevant Courses*	Probability & Statistics Operations Research for Management Introduction to Computing(Python)
Technical Skills	Python* Data analysis and Data visualization MS Office
ACHIEVEMENTS & EXTRA CURRICULAR	
Secured AIR 930 in GATE-24 Engineering Science paper.	

*Present / Under Progress