

# ROHIT PIDURKAR

MTech | Industrial and Management Engineering | IIT Kanpur

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EDUCATION DETAILS			
YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	CGPA / %
2022*	M. Tech.   Industrial & Management Engineering	Indian Institute of Technology Kanpur	-
2018-22	B.Tech.   Agricultural Engineering	College of Agricultural Engineering & Technology, Akola	8.4
2018	Higher Secondary Education   MSBSHSE	Janata mahavidyalaya, Chandrapur.	74.92 %
2016	Secondary Education   MSBSHSE	Lokmanya Tilak Kanishta mahavidyalaya, Chandrapur.	71.2 %

PUBLICATION
<ul style="list-style-type: none"><li>A comparative drying analysis of red chilli in solar dryers. Vol. Xii, issue xxxiii, July 2022 multilogic in science ISSN 2277-7601. <a href="https://www.ycjournal.net/Multilogicinscience/ArticleDetails.aspx?ref=NgAyADQANQA=">https://www.ycjournal.net/Multilogicinscience/ArticleDetails.aspx?ref=NgAyADQANQA=</a></li></ul>

SELF PROJECTS
<p><b>Marketing Campaign Result Prediction using Logistic Regression</b></p> <ul style="list-style-type: none"><li>Data contains 2240 instances with 29 features</li><li>Steps include Feature Engineering, Exploratory Data Analysis, Outlier Treatment</li><li>Class imbalanced of 85:15 was handled using SMOTE</li><li>Result: - Accuracy = 90.1, Precision = 91.6, Recall = 88.35, ROC Score = 0.905 with Threshold = 0.4391</li><li>Link :- <a href="https://github.com/RohitRP22/Logistic_regression">https://github.com/RohitRP22/Logistic_regression</a></li></ul>
<p><b>Find the Factors affecting the pricing of Cars in the US market using Multiple Linear Regression</b></p> <ul style="list-style-type: none"><li>Data contains 205 instances of different cars with 26 features</li><li>Data Preprocessing includes Data cleaning and Feature engineering</li><li>Data Visualization, Bivariate analysis was done to understand the behavior of different features</li><li>Used Correlation and VIF to check multicollinearity and to drop features</li><li>Used Recursive Feature Eliminations (RFE) for initial feature selections</li><li>Remove features based on P-value approach. Adjusted R2 score: 0.896</li><li>Link :- <a href="https://github.com/RohitRP22/Linear-Regression">https://github.com/RohitRP22/Linear-Regression</a></li></ul>

COURSEWORK AND SKILLS	
<b>Relevant Courses (Ongoing)</b>	<b>Data Mining</b> and Knowledge Discovery   <b>Probability &amp; Statistics</b>   Operations Research for Management   Introduction to <b>Computing</b>
<b>Certified Online Courses</b>	<ul style="list-style-type: none"><li><b>Python for Machine Learning: The complete beginner's course- Udemy</b> - Python Programming</li><li><b>Data Manipulation in Python - Udemy</b> - Python   NumPy   Pandas</li><li><b>Linear regression and Logistic regression in Python – Udemy</b> - Linear regression   Logistic regression   Python</li></ul>
<b>Technical Skills</b>	<b>Python*</b>   <b>ML*</b>   <b>MS Excel</b>   MS PowerPoint

ACHIEVEMENTS
<ul style="list-style-type: none"><li>Secured <b>AIR 25</b> in <b>AG-GATE 2022</b>.</li><li>Secured <b>First</b> grade in Bharati Talent Search Examination (BTSE) in years 2014 and 2015.</li><li>Secured Grade <b>A</b> in Lokmat Talent Search Examination (LTSE) in 2015.</li></ul>

POSITION OF RESPONSIBILITIES & EXTRACURRICULAR
<ul style="list-style-type: none"><li>Rendered social service from 2019 to 2021 as a <b>National Service Scheme</b> volunteer at the UG level.</li></ul>