

MOHD JUNED KHAN

M.Tech | Industrial & Management Engineering | IIT Kanpur

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ACADEMIC DETAIL

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	PERCENTAGE
2022-24	M.Tech (Industrial & Management Engineering)*	Indian Institute of Technology, Kanpur	-
2017-21	B.Tech (Mechanical Engineering)	Jamia Millia Islamia, New Delhi	9.70 CPI
2016	Class XII	M.S.V. Inter College, Sultanpur UP	88.00
2014	Class X	M.S.V. Inter College, Sultanpur UP	85.33

PROJECT

Self-Project	1. House Prices Prediction using Machine Learning <ul style="list-style-type: none">• Predicted House Price Using 14 features.• Steps included Exploratory Data Analysis (Univariate or Bivariate), Handling missing values, Feature transformation and Model building using Machine Learning Algorithm to predict price of houses.• Algorithm used is Linear Regression, Decision Tree Regressor and Random Forest Regressor and I got that Random Forest Regressor model has lowest value of standard deviation i.e. 0.71.• Dependency used Pandas, NumPy, Matplotlib, Seaborn, sklearn. <p>https://github.com/Junedkhan22/House-Price-Prediction</p>
	2. Loan Prediction using Machine Learning <ul style="list-style-type: none">• Predicted what sorts of people were more likely to get loan using 13 features.• Steps included Exploratory Data Analysis (Univariate or Bivariate), Handling missing values, Feature transformation. Used Machine Learning Algorithm to predict people whose loan gets approved.• Algorithm used is Logistic Regression, Decision Tree Classifier, Random Forest Classifier and Naive Bayes Classifier and I got that Logistic Regression model has highest accuracy equals to 83.74%.• Dependency used Pandas, NumPy, Matplotlib, Seaborn, sklearn. <p>https://github.com/Junedkhan22/Loan-Prediction</p>

COURSEWORK AND SKILLS

Relevant Courses	Data Mining and Knowledge Discovery Operation Research for Management Probability & Statistics Introduction to Computing	*ongoing
Technical Skill	Python (NumPy, Pandas, Seaborn, Matplotlib, Scikit-learn) SQL MS Excel Power BI	*ongoing

Position of Responsibilities

- **Class Representative, IIT Kanpur** -- Represents the batch in official/unofficial matters. Coordinate with DPGC and department office for all academic work if needed. Helping in arrangement for webinar/seminar and other teams if needed.

CERTIFIED COURSES

- Master Microsoft **Power BI** certified by Udemy.
- **Python for Data Analysis & Visualization** certified by Udemy.
- Statistics for Data Science and Business Analysis certified by Udemy.
- **SQL from A to Z** from absolute scratch certified by Udemy.
- **Microsoft Excel** Masterclass - Basic to Advanced certified by Udemy.

ACADEMIC ACHIEVEMENT

- Secured **98.96 Percentile** in **GATE-22 Mechanical Engineering Paper**.
- Secured **1st** Rank in my College during **Higher Secondary Examination**. So got a HP Pavilion laptop as a prize for academic excellence by the Honorable Chief Minister of UP in 2016.

CONFERENCES

- Natural Convection Heat Transfer in Cylindrical Enclosures, **Mohd Juned Khan**, Sarthak Gautam, Areeb Khan, Vivek Sharma, Fahad Farid, Anil Kumar Sharma, All India Scientific webinar on Journey Towards Self-Reliant India – Role of Science & Technology, Indira Gandhi Centre for Atomic Research, Kalpakkam, India, January 11- 12, 2021.

PUBLICATIONS

- Sarthak Gautam, **Mohd Juned Khan**, Areeb Khan, Vivek Sharma, Fahad Farid, Anil Kumar Sharma, 2022. **Enhancement of Natural Convection Heat Transfer in Cylindrical Enclosure with Internal Heat Source**. *Springer Singapore, Recent Advances in Manufacturing, Automation, Design and Energy Technologies*, 107.