



## EDUCATION

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	% / CGPA
2023 -Present	MTech   Department of Management Sciences	Indian Institute of Technology, Kanpur	-
2019-23	BTech   Mechanical Engineering	Vellore Institute of Technology, Vellore, Tamil Nadu	9.04
2019	XII   C.B.S.E. Board	Jai Academy, Jhansi	86.2%
2017	X   C.B.S.E. Board	Jai Academy, Jhansi	9.6

## SELF PROJECTS

**911 Call Data** (July'23-Aug'23)

- Analyzed dataset of over 663522 records with different features.
- Package used: **Numpy, Pandas, Matplotlib, Seaborn**.
- Steps include **Exploratory Data Analysis, Cleaning, Transformation, and Data Visualization**.
- Different types of plots: **Bar plot, Implot, Histogram, Line plot, Heatmap, Clustermap**.

**E-commerce Customers (Linear Regression)** (July'23-Aug'23)

- Analyzed dataset of over 500 entries with different features.
- Package used: **Numpy, Pandas, Matplotlib, Seaborn, Sklearn**.
- Steps include **Data Acquisition, Extrapolatory Data Analysis, Model Building, and Evaluating the Model**.
- Obtained **MAE of 7.228, MSE of 79.813, RMSE of 8.933, MAPE of 0.01456, and R2 Score of 0.989**.

**Titanic Project (Logistic Regression)** (July'23-Aug'23)

- Analyzed dataset of over 889 entries with different features.
- Package used: **Numpy, Pandas, Matplotlib, Seaborn, Sklearn**.
- The process involves **Acquiring data, Conducting Exploratory Data Analysis, Creating a Model, and Assessing its performance**.
- Used **GridSearchCV** for finding the best parameters according to the **f1 score**.
- Obtained an **Accuracy** of about **80.5%**.

## COURSEWORK AND SKILLS

Relevant Subjective Courses	Statistical Modelling for Business Analytics*   Probability & Statistics*   Operations Research for Management*   Introduction to Computing*
Online Courses Certificates	<ul style="list-style-type: none"> <li>The Complete Python Bootcamp From Zero to Hero in Python Certified by Udemy.</li> <li>Python for Data Science and Machine Learning Bootcamp Certified by Udemy.</li> <li>The Complete SQL Bootcamp: Go from Zero to Hero Certified by Udemy.</li> </ul>
Technical Skills	Python*   Data Analytics*   Data Visualization*   Machine Learning*   SQL*

## ACHIEVEMENTS

- Secured **AIR 49** in **GATE 2023** Examination in **Engineering Science** conducted by IIT Kanpur.
- Secured **AIR 1339** in **GATE 2023** Examination in **Mechanical Engineering** conducted by IIT Kanpur.
- Secured **AIR 3709** in **GATE 2022** Examination in **Mechanical Engineering** conducted by IIT Kharagpur.

## POSITION OF RESPONSIBILITIES

- Alumni and Corporate Relation, IME, IIT Kanpur (2023-Present)**  
Currently working with a 4-member team for maintaining alumni records and organizing seminars for the IME MTech batch.