

AMAN INGLE

M.Tech | Department of Management Sciences | IIT Kanpur

 [Linkdin profile](#)

 [Github profile](#)

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EDUCATION

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	PERCENTAGE/CGPA
2023 - Present	M.Tech Department of Management Sciences	Indian Institute of Technology, Kanpur	-
2019-23	B.E. Mechanical Engineering	IET DAVV INDORE	8.66/10
2019	Higher secondary Education CBSE	Kendriya Vidyalaya Betul M.P.	91%
2017	Secondary Education	Kendriya Vidyalaya Betul M.P.	10/10

SELF PROJECTS

[Boston house price prediction](#)

- Predicted House Price Using **14** features and dataset has **506** entries.
- Libraries used Pandas, numpy, matplotlib, seaborn.
- Steps include **Exploratory Data Analysis**, dealing with **Data visualization** and Outliers representation.
- Scaled the **Numerical variables** using the **StandardScaler**.
- Checked for **multicollinearity** using **HeatMap**, and elimination of highly correlated features.
- **Linear Regression** is used in this project.

[Medical Insurance cost Prediction](#)

- Predicted House Price Using **7** features and dataset has **1336** entries.
- Libraries used **Pandas, numpy, matplotlib, seaborn, Sklearn**.
- Visual representation of distribution of each column use of **seaborn**.
- **Encoding** of categorical features.
- **Linear Regression** is used in this project and this model has **R2_Score** of **0.74049** for testing data.
Prediction system of made for the perdition when features values are provided.

[Credit card's fraud transaction prediction](#)

- 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, **Undersampling** 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(JAVA)
Online Courses	<ul style="list-style-type: none">• SQL- the complete introduction to sql certified by Udemy.• The python programming A-Z Definitive Diploma certified by Udemy• Data Science and Machine Learning Basic to advance*.
Technical Skills	SQL* Python* Java* Data analysis and Data visualization

ACHIEVEMENTS & EXTRA CURRICULAR

- Secured 95.68 percentile in GATE-23 Mechanical Engineering paper.
- Took part in Regional sports meet at K.V. Bhopal 2 in 2015.

*Present / Under Progress