RAHUL VERMA

M.Tech (Department of Management Sciences)

✉ rahulv23@iitk.ac.in ☎ +91 7973339701

in https://www.linkedin.com/in/rahul-verma-15011999/
Github

ACADEMIC DETAIL

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	PERFORMANCE
2023-25	M.Tech (DoMS)	Indian Institute of Technology, Kanpur	-
2017-21	B.Tech(Mechanical)	Lovely Professional University, Phagwara	8.41Cgpa
2017	Class XII	BSF Sr. Secondary School, Jalandhar	88.6%
2015	Class X	St. Joseph Convent School, Jalandhar	82%

PROJECT

Self-Project	**1. Data-Driven-Machine-Learning-Analysis-of-Titanic-Disaster** • Performed univariate, bivariate analysis and checked for multicollinearity and eliminated redundant features. • Used label encoding to convert categorical variables to numerical variables. • Created new derived variables to reduce features and classified using random forest classifier with 76.55% accuracy. (https://github.com/RahulV1501/Data-Driven-Machine-Learning-Analysis-of-Titanic-Disaster) **2. House-Cost-Prediction-Machine Learning** • Performed univariate and bivariate analysis, mean imputation, encoded variables with onehotencoder • Selected best 15 features out of 80 using SelectKBest and predicted the house price using random forest regressor and linear regression (https://github.com/RahulV1501/House-Cost-Prediction)

WORK EXPERIENCE (7 months)

Organisation Name : FUTURE MARKET INSIGHTS, PUNE　　　　　　　　　　　　　　**DURATION:** Aug'21-Feb'22
Job Profile　　　　　　: Associate Consultant Level - II
Role　　　　　　　　　: Data Analyst, Datasets, Business Intelligence, Market Estimation Sheets, Consulting

INTERNSHIPS

- **DAIKIN AIR CONDITIONERS, NEEMRANA, RAJASTHAN**
  - Underwent **150 hours** of training program on significance of data on sales prediction and techinical aspects of HVAC products.

- **RAIL COACH FACTORY, KAPURTHALA**
  - Underwent **3 months** of Internship Program in Technical Training Centre. Worked as a business analyst, prepared a model of Automated Railway Crossing along with its market insight report.

COURSEWORK AND SKILLS

Relevant Courses	Supply Chain Management | Probability & Statistics| Operation Research for Management　　　***ongoing*** Probability & Statistics | Introduction to Computing | Statistical Modelling for Business Analytics
Technical Skill	Data Analytics **|** Basic Machine Learning **|** Basic Python **|** MS Excel, Powerpoint **|** Basic Java **|** Basic SQL | Secondary Research | Primary Research　　　　　　　　　　　　　　　　　　　　　***ongoing***

CERTIFIED COURSES

- Basics of Machine Learning by Great Learning Academy.

B.Tech-PROJECT, PUBLICATIONS & CONFERENCESS

Projet & Publications	Computational Analysis of Modified Exhaust System (https://ieeexplore.ieee.org/document/9841169)
Conferences	Presented Paper in International conference on Simulation, Automation & Smart Manufacturing (SAMS) Topic**:** Computational Analysis of Modified Exhaust System.

ACHIEVEMENTS & EXTRA-CURRICULARS

- Working as a Junior Placement Co-ordinator with a 4-member team for summer internship drive of Department of Managemect Sciences, M.Tech Y23, IIT Kanpur.
- AIR-87 GATE-XE 2023
- Worked as a Master Trainer in ASER-2018 Survey, where I trained and lead my team to conduct education survey.
- Certificate of Participation in NEO (National Engineering Olympiad 2.0)