NAVNIT KUMAR

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EDUCATION

Degree/Certificate	Institute	CGPA / %	Year
M. Tech (Department of Management Sciences)	Indian Institute of Technology, Kanpur	-	2024 - Present
B. Tech (Mechanical Engineering)	Bhagalpur College of Engineering, Bihar	8.36 CPI	2017-2021
Higher Secondary Education(BSEB)	RNTS College, Sitamarhi	69.6 %	2015
Secondary Education (BSEB)	MVG High School, Sitamarhi	72.4%	2013

PROJECTS

Prediction of house selling |Machine Learning | Regression | (Self Project)

Objective	• To predict the house prices in the city, using Machine Learning Algorithms.
Approach	• Performed variable identification, Univariate analysis, Bivariate analysis, Outlier treatment, Missing value treatment, Feature Engineering • Used machine learning algorithm i.e., Logistic Regression, K – Nearest Neighbor to predict whether the house got sold or not based on the data available and to obtain and compare the accuracy score for the test data

Sales prediction by different advertising platforms (Self Project)

Objective	• Predicting Sales by different advertising platform using machine learning involves several steps, from data preprocessing to model evaluation
Approach	• Data consisting of sales of the product in 200 different markets with advertising budget in three media – TV, radio & newspaper. • Steps include Exploratory Data Analysis, dealing with missing values, Data visualization & Outliers Treatment. • Scaled the Numerical variables using the Min-Max Scaler Operation. • Checked for multicollinearity using variance inflation factor (VIF), also looked for omitted variable bias. • Feature elimination is done based on the p-value and VIF and used Adjusted R squared as the performance metrics for the model. • Checked the distribution of the Residual errors on the train dataset using the fitted model.

COURSEWORK & SKILLS   *in progress*

Relevant Courses	**Statistical Modelling** for Business Analytics*	**Probability** & **Statistics***	Operations Research for Management*	Introduction to Computing*
Skills	Python| ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn *| MySQL*| Excel
Soft Skills	Decision Making	Adaptability	Team Management	Communication Skills	Leadership	Teamwork
Certifications	Python for Beginners [Scaler]

WORK EXPERIENCE

ORGANISATION	DURATION	DESIGNATION	DEPARTMENT
Smart Joules Private Limited	16th August 2023 to 30th June 2024	Site Energy Engineer	Operation (Chiller Plant Efficient Operation,Energy Saving,Energy Analytics)
Blue Star Limited	26th December 2022 to 15th August 2023	Senior Engineer	EFM Site Operation(HVAC Comprehensive operation and maintenance)
Vizag Steel Plant (RINL)	30th March 2022 to 20th December2022	Graduate Apprentice Trainee	Mechanical maintenance , Roll Shop & Repair Shop

ACHIEVEMENTS & EXTRACURRICULAR

• Qualified Gate Exam in year 2024 conducted by IISc Bangalore [gate score: 669,Rank:849], [paper code= ME]