



Alok Verma

Roll No.: 2022UME1723

Mechanical Engineering | Elective in Machine Learning

Bachelor of Technology

Malaviya National Institute of Technology, Jaipur

+91-7617844286

alokv5833@gmail.com

2022ume1723@mnit.ac.in

GitHub Profile

LinkedIn Profile

EDUCATION

- Malaviya National Institute of Technology Jaipur** 2022-2026
Bachelor of Technology, Mechanical Engg. CGPA: 7.46
- DAV Academy, Tanda, UP** 2021
CBSE Board Percentage: 89%
- National Public School, Tanda, UP** 2019
CBSE Board Percentage: 94.4%

PERSONAL PROJECTS

- Customer Churn Prediction**
Data Analysis, Python, Machine Learning, EDA
 - Problem: Predict which customers are likely to leave a business so companies can take action to keep them.
 - Solution: Created an end-to-end ML project to predict customer churn by performing data analysis (EDA) and building an Artificial Neural Network (ANN) model for prediction.
 - Technologies Used: Python, Pandas, Numpy, TensorFlow, Keras, Matplotlib, Seaborn, Scikit-learn.
 - Project Link: https://github.com/alok8663/ml_Projects
- Credit Risk Assessment**
Python, Machine Learning, Data Analysis, EDA
 - Problem: Predict whether a borrower is likely to repay a loan or default, helping lenders make better decisions.
 - Solution: Performed EDA, feature engineering, and scaling. Built and optimized an XGBoost classifier using hyperparameter tuning and cross-validation. Validated performance using cross-validation scores and visualizations.
 - Technologies Used: Python, Pandas, NumPy, Scikit-learn, XGBoost, Matplotlib, Seaborn.
 - Project Link: https://github.com/alok8663/ML_Projects1/blob/main/Credit_Assessment.ipynb
- Sales Insights**
Tableau, Data Visualisation
 - Developed a dynamic sales insights dashboard in Tableau for real-time data visualization and analysis.
 - Transformed complex sales data into clear, actionable visualizations to support decision-making.
 - Enhanced business performance tracking through interactive dashboards and key metrics display.
 - Project Link: <https://public.tableau.com/app/profile/alok.verma7137/viz/TableauAlokVerma/Dashboard1>

PROGRAMMING LANGUAGES: PYTHON, JAVA

Technical Skills: Java, Python, Data Structures and Algorithms, Machine Learning

Developer Tools: Git, GitHub, VS Code

Database: SQL, Tableau, Alteryx

MS Office: Word, Powerpoint, Excel

Libraries and Tools: NumPy, Pandas, Scikit-learn, Matplotlib

Soft Skills: Communication, Problem Solving, Leadership, Decision Making

Other Softwares: Blender, Adobe Premiere Pro

POSITIONS OF RESPONSIBILITY

- Freelance CGI Artist – Mortgages Business** (2023 - Present)
Developing 3D animated CGI videos to showcase mortgage offerings and enhance client engagement.
- View Latest Video :**
https://drive.google.com/file/d/1SQagrc7NNS5NJv2LlolkHPW5laAqWRmf/view?usp=drive_link

ACHIEVEMENTS

- Successfully cleared JEE MAINS.
- Participated in the National Mathematical Olympiad and KVPY.

CERTIFICATIONS AND PROFILES

- Completed Machine Learning Course on Udemy. (Certificate)
- Completed Deep Learning Course on Udemy. (Certificate)

EXTRACURRICULAR ACTIVITIES

- Member of Mechanical Inter-Branch Cricket Team