

EDUCATION

- Btech in Electrical & Electronics**
ROORKEE COLLEGE OF ENGINEERING
07/2013 - 06/2017

WORK EXPERIENCE

- Machine Learning Engineer**
Axes Geeks Pvt. Ltd
07/2022 - Present Noida(UP), India
Project
 - Extract information from the text (eg: ID, Name, Address, etc) from pdf with the help of **OpenCV** and **tesseract** and convert it into a data frame with **Pandas** libraries and export to **excel**.
 - Handling **250 or above pages** pdf and transform in excel file with approx **95%- 97% accuracy**. Reduce time complexity and make it faster by **20%** than the previous stage.
 - Working on creating recency, frequency, and monetary (**RFM Model**) values and converting data to Visual insight to understand the company's market behavior and **decision-making** to revive the market.

- DATA SCIENTIST INTERN**
INEURON.ai
09/2021 - 03/2022
Project
 - Worked with various ML algorithms to create the best working models and bring up from **63% to 92%** prediction accuracy.
 - Have done **data wrangling/munging/slicing, cleaning** and translation, dealt with missing data, **data pre-processing/cleaning** treated outliers to deliver impact analysis.
 - Hands-on and well-versed with advanced analytical concepts like Probability, Distributions, Sampling & Estimations, and Hypothesis Testing.

- DATA SCIENTIST INTERN**
THE SPARKS FOUNDATION
06/2021 - 08/2021
Project
 - Creating Algorithms based on deep-dive **Statistical Analysis & predictive data modeling**. Deploying quantitate analysis and data visualization to present data.
 - Design, run and measure experiments to test business hypotheses. Insight generation against a recurring use case.

- PRODUCTION EXECUTIVE & MIS ANALYST (CONTRACT)**
VIDEOTEX INTERNATIONAL PVT LTD
08/2019 - 03/2020 Greater Noida (UP), India
Project
 - Perform Insights & analysis to identify performance patterns and devise data-driven strategies to optimize the same. Make quarterly and half yearly performance details & Performance status report with the help of ERP.
 - Prepared variances report such as target VS actual production

SKILLS

- Python
- MySQL
- Machine Learning
- NLP
- End to End deployment
- Recommended System
- Supervised Machine Learning
- Unsupervised Machine Learning
- Customer Segmentation
- Predictive Modeling
- Predictive Analytics
- Statistics
- Tableau
- PowerBi
- Django

PERSONAL PROJECTS

- Restaurant Rating Prediction**
 - DEMO: <https://zomato-rate-pred-mlalgo.herokuapp.com/>
 - Github: <https://github.com/Vaishnokmr/Restaurant-Rating-Prediction>
 - The main goal of this project is to perform extensive Exploratory Data Analysis(EDA) on the Zomato Dataset and build an appropriate Machine Learning Model that will help various Zomato Restaurants to predict their respective Ratings based on certain features.
 - The classical machine learning tasks like Data Exploration, Data Cleaning, Feature Engineering, Model Building and Model Testing. Try out different machine learning algorithms that's best fit for the above case.
- Car sell Price Prediction**
 - DEMO: <https://car-prediction-flask.herokuapp.com/>
 - Github: <https://github.com/Vaishnokmr/Predicting-car-sell-price-using-flask>
 - Build an appropriate Machine Learning Model that will help various car model predict their respective price based on certain features.
 - Supervised machine learning tasks like Data Exploration, Data Cleaning, Feature Engineering, Model Building and Model Testing. Try out different machine learning algorithms and after that hypertuning with better accuracy that's best fit for the above case.
- Retails Sales Analytics & Insights**
 - Github: <https://github.com/Vaishnokmr/Business-Analytics-Insights>
 - Using statistical tools to identify, analyze, and interpret patterns and trends in complex data sets could be helpful for the diagnosis and prediction.
 - Analyzing local, national, and global trends that impact both the organization and the industry and preparing reports for the management stating trends, patterns, and predictions using relevant data.
 - Preparing final analysis reports for the stakeholders to understand the data-analysis steps, enabling them to take important decisions based on various facts and trends.

LINKS

Blog
<https://medium.com/@kumarvaishnav17>

LinkedIn
<https://www.linkedin.com/in/vaishno-kumar/>

Tableau Visualization & Insights
<https://public.tableau.com/app/profile/vaishno.kumar>