

# VAISHNO KUMAR

Portfolio: <https://vaishnokmr.github.io/my-portfolio.github.io/>  
Github: <https://github.com/Vaishnokmr>  
LinkedIn: <https://www.linkedin.com/in/vaishno-kumar/>  
Medium: <https://medium.com/@kumarvaishnav17>

Email: [kumarvaishnav17@gmail.com](mailto:kumarvaishnav17@gmail.com)  
Mobile: +918126159737  
Location: Mirzapur (UP)

## SUMMARY

Data Scientist with strong math background and 2+ years of experience using predictive modeling, data processing, and data mining algorithms to solve challenging business problems. My research interests lie in Machine Learning, Computer Vision, Natural Language Processing, and Recommendation Systems.

## EDUCATION

- Uttarakhand Technical University, Roorkee College of Engineering** Roorkee, Uttarakhand  
*Bachelor of Technology – Electrical and Electronics Engineering* August 2013 - June 2017

## EXPERIENCE

- Axes Geeks Pvt Ltd , Noida, UP | Machine Learning Engineer** July 2022 - January 2023
  - Utilized python to implement OpenCV and tesseract for extract information (eg: ID, Name, Address, etc) from 250 or above page pdf and export into excel with approx **95%- 97% accuracy**, which reduced total process time by **20%**.
  - Wrangled trading data stored in parquet file to **RFM model** (recency, frequency, and monetary) and visualize to understand the company's market behavior and decision-making to revive the market.
  - Presented results to team's global head and wrote requested executive summary detailing value proposition and strategy to present to end clients and senior leadership.
  - Displayed a working knowledge of data visualization and statistical method in python to develop visualizations and implement analyzes
- Ineuron.ai, Bangalore, KA | Data Scientist Intern** September 2021 - March 2022
  - Data wrangling/munging/slicing, cleaning and translation, dealing with missing data, data pre-processing/cleaning treated outliers to deliver impact analysis.
  - Implement **ML algorithms** technique for creating the best working models and bring up from **63% to 92%** prediction accuracy.
  - Make a **web app** with the help of **Django** and deployed it on the cloud platform to make user friendly to check rating prediction.
- The Sparks Foundation, | Data Scientist Intern** June 2021 - August 2021
  - Creating Algorithms based on deep-dive Statistical Analysis predictive data modelling. Deploying quantitate analysis and data visualization to present data.
  - Hands-on experience with various tools, technologies, and methods to achieve the predicted output.
  - Design, run and measure experiments to test business hypotheses. Insight generation against a recurring use case
- Videotex Int Pvt Ltd , Greater Noida, UP | MIS Analyst (CONTRACT)** February 2019 - March 2021
  - Reduce takt time **10%** based on analyzed monthly data and increase production **growth by 15% - 20%** and maintained on-time shipment record of **95% and above**
  - Sustained **60%** production growth with **20% increase** in production staff based on **KPIs**
  - Make quarterly and half yearly performance details & Performance status report with the help of ERP.

## SKILLS SUMMARY

- Python, MySQL, Machine Learning, NLP (Natural Language Processing), Recommendation Engines, Customer Segmentation & Retention Models, A/B testing, Statistics, Tableau, Excel, Git, Problem-Solving

## PROJECTS

- Cab Demand-Supply Forecasting** : To find a number of pickups, given location coordinates (latitude and longitude) and time, in the query region and surrounding regions.  
**Tech Stack:** Python, Time-Series Forecasting, Cluster and Segmentations, Predictive Modeling, and Analysis, Scikit-learn  
**Project Details:** [Click here](#)
- 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.  
**Tech Stack:** Python, Machine learning, Predictive modeling and Analysis, Scikit-learn, Django  
**Project Details:** [Click here](#)
- Retails Sales Analytics & Insights:** The main goal of this project is to perform extensive Analytics & Insights on Retails Store Dataset. The data contains hundreds of thousands of electronics store purchases broken down by month, product type, cost, purchase address, etc.  
**Tech Stack:** Python, Data modeling, Analysis Insights, ETL, Tableau, Dashboard Reports.  
**Project Details:** [Click here](#)