Personal Information
Name: VAISHALI SHARMA
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CAREER SUMMARY

- After working as an intern at a real estate company before receiving my degree in data sciences, I am now qualified to work as a data analyst for a corporation. I've previously had the opportunity to work in the field of research. As a junior research fellow, I have used a variety of programming languages to deepen my grasp of the RF and microwave domains.
- Portfolio: https://i-vaishali.github.io/github.io/
- LinkedIn: http://www.linkedin.com/in/i-vaishalisharma27

KEY SKILLS

- **Machine Learning**: Supervised Learning (regression and classification) and Unsupervised Learning.
- **Data Visualization**: Tableau, MS-excel, origin, MS-power point, AnsysCAD
- **Data Analysis**: Data Cleaning and transformation using python, statistical
- **Advance Analytics**: MS-excel, SQL, Python (NumPy, Pandas, Matplotlib, SciPy, Scikit-Learn)
- **Soft Skills:** Attention to details, Good Speaker, Adaptability, Time Management, Accuracy, Proactivity

WORK HISTORY

Data Science Intern

Xanadu Reality Ltd (TECHNOLOGY DEPARTMENT) **Sep, 2022-Nov, 2022**

- Build a Customer Segmentation Model using Unsupervised learning which predicts using the potential customers who may be interested in buying the property and their budget.

  Achievements: Got an offer to extend internship

Junior Research Fellow

National Physical Laboratory **Jan,2019- Mar, 2020**

- Applied research technique to determine effectiveness of RF interventions and Developed Novel antenna for UWB range. Maintained high levels of confidentiality to protect data quality and project research. Also prepared reports based on Calibration and Quality assurance.
  Achievements: JRF Fellowship grant by UGC (GOVERNMENT OF INDIA)

ACADEMIC – DATA SCIENCE PROJECTS

- **Capstone Project: BRIDGING THE SUPPLY DEMAND GAP AND REDUCTION IN ETA**
  Business Objective: forecasting the pickup of the cab based on bridging the supply- demand gap, shortening ETA, and refining the route
  Approach: Data gathered using Kaggle, routine process of data cleaning has been checked, Multiple files merged into a one single excel datasheet with more the 500K rows, EDA is performed to understand the pattern of customers and their booking criteria, further dashboards are used to visualise the data, use of k- means clustering is done for pointing out the region of high density and deployment of cabs.
  Tools Used: Python, NumPy, Pandas, scikit learn, Unsupervised Learning, MS-excel, Folium, Tableau

- **Project 2 TARGET USERS FOR BETTER Recommendations**
  Explore the exploratory data analysis, giving insights from the Facebook dataset which identifies users that can be focused more to increase the business. These valuable insights should help Facebook to take intelligent decision to identify its useful users and provide correct recommendations to them using the 'likes' target variable.
  Tools Used: Machine Learning, Supervised Learning, Linear Regression

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- **Project 3 -SQL queries on ICC world cup**
  Test matches are played between national representative teams that have been granted 'Test statuses, as determined and conferred by the International Cricket Council (ICC). Two teams of 11 players each play a four-innings match, which may last up to 5 days (or longer in some historical cases).
  Tools used: MySQL queries

- **Project 4 -Exploratory Data Analysis**
  Dataset contains the loan listings of p2p (peer to peer loan) lending platform called "Prosper". It connects borrowers with the lenders and "Prosper" (platform provider) & handles servicing of the loan on behalf of the matched borrowers and investors. The answers were obtained by exploring the data to understand the relations amongst the variables with appropriate visualization.
  Tools: Descriptive statistics, preliminary wrangling, univariate analysis, bivariate analysis, multivariate analysis, feature engineering

- **Project 5 - Sports, Finance and e-commerce**

  This Statistics and EDA project is designed to train and test the learners on Exploratory Data Analysis and Statistical techniques used in the industry today. The learner deep dives into an industry-relevant dataset and performs thorough data cleaning and data analyses in order to draw useful business insights that would optimize business processes. The goal is to test learners in what data scientists do most often–Exploratory Data Analysis.

  Tools: Python, Pandas, Seaborn, Matplotlib, Descriptive and Inferential Statistics

EDUCATION

Course	Institution	Marks	Year
PGP-DSE (Post-Graduation in Data Sciences)	Great Lakes Institute of Management	8 modules as **Excellent** and as 2 completed	2023
MSc Electronics	Jamia Millia Islamia	9.1	2017
BSc(H) electronics	DDUC-Delhi University	80.33	2015
12^{th} Std	Rajkiya Partibha Vikas Vidyalaya	81.33	2012
10^{th} Std	Rajkiya Partibha Vikas Vidyalaya	9.6	2010

OTHER ACHIEVEMENTS

- Cleared National level exam conducted by UGC for Assistant Professor with JRF.
- Jan5,2017 to may26,2017,2 Months Training At MTNL, Based on field training at various MTNL offices.
- General secretary at DDUC, New Delhi, Placement Coordinator at DDUC.
- Silver medallist, 2nd rank in Delhi University, DDUC, BSc(H) electronics.
- NCC cadet for 2 years.

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