

VARINDER KUMAR MAURYA

Tel: +91-6284240688 | Email: varinderkumar6284240@gmail.com | [Portfolio](#) | Ludhiana, Punjab

EDUCATION

Bachelor of Technology (CSE)

Gulzar Group of Institutes

Aug 2020 – Present

7.3 SGPA

Higher Secondary (12th)

S.D.P Sen. Sec. School

April 2019 – May 2020

81 %

Honours Diploma in Computer Application (HDCA)

STS Computer & Education

Jun 2018 – July 2019

83 %

Matriculation (10th)

Orient Convent Sen. Sec. School

April 2017– May 2018

75 %

TECHNICAL SKILLS

- **Programming languages:** Python, Java, SQL
- **Libraries/Frameworks:** Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, BeautifulSoup, Selenium, Flask, Django
- **Machine Learning:** Regression Modeling(linear, logistic, regularized), Classification(Random Forest, KNN, SVM), Principle Component Analysis(PCA, PCR, sparse PCA), Clustering(K-means, Hierarchical)
- **Database:** PostgreSQL
- **AWS(Amazon Web Service):** IAM, EC2, ECS, S3, Billing
- **Web development:** HTML, CSS, JavaScript, Webflow, Figma
- **Control system & other tools:** Git, GitHub, Postman, Visual Code, LLM
- **Statistics:** Time Series Analysis, Hypothesis testing, Monte - carlo simulations

EXPERIENCE

PYTHON DEVELOPER

VQCODES Software Solution LLP

Jul 2023- Oct 2023

- **Spearheaded website development projects** from conception to completion, ensuring seamless integration with existing systems and adherence to industry best practices.
- **Developed Python APIs and scripts** to automate repetitive tasks, streamline data acquisition, and enhance operational efficiency.
- **Managed codebases** effectively, maintaining code quality, implementing version control, and fostering a collaborative development environment.

Data Science Trainee

AlmaBetter

Jan 2023-July 2023

- I Learned and applied the fundamentals of data science, including Python, SQL, statistics, and machine learning.
- Gained hands-on experience with popular data science tools and libraries, such as NumPy, Pandas and scikit-learn.
- Completed multiple capstone projects.
- Received mentorship from industry experts and worked collaboratively with other students on projects and assignments.

- I added Chinese language translation to the Amahi Android application using XML and Java.
- Work on fixing Responsiveness of the cards in QuickLearn website. In this contribution I work with JavaScript, HTML and CSS.

COURSE WORK

- IBM Data Analyst Professional Certificate
- Ultimate AWS Certified Cloud Practitioner

PERSONAL PROJECT

NETFLIX-MOVIES-AND-TV-SHOWS-CLUSTERING

- This involves examining the types of content available in different countries, assessing whether Netflix is shifting its focus towards TV shows over movies, and employing text-based feature matching to identify similarities among content.
- Tech Stack Used: NumPy, Pandas, Matplotlib, Plotly, Seaborn, SkLearn and nltk
- Link : <https://github.com/Varinder-KM/NETFLIX-MOVIES-AND-TV-SHOWS-CLUSTERING> Capstone-Project

Car Dekho Car Selling Price Prediction

- CarDekho helps users estimate the selling price of their car. It uses machine learning to analyze historical data and market trends to provide accurate predictions. This helps car sellers make informed decisions when selling their vehicles.
- Tech Stack Used: NumPy, Pandas, Matplotlib, Plotly, Seaborn, Regression
- Link: <https://github.com/Varinder-KM/Car-Dekho> Car selling Price prediction

Hotel-Bookings-Analysis

- Hotel booking analysis involves examining data related to hotel reservations to gain insights and make informed decisions. It helps hotels better understand their customers, optimize pricing and marketing strategies, and improve operational efficiency.
- Tech Stack Used: NumPy, Pandas, Matplotlib, Plotly, Seaborn
- Link: <https://github.com/Varinder-KM/Hotel-Bookings-Analysis> Capstone-Project

Critic Crawler

- This comprehensive project delves into the realm of customer opinions, extracting and analyzing product reviews from Flipkart, a prominent e-commerce platform in India. By leveraging web scraping technology, the project efficiently gathers reviews associated with a specific product, providing valuable insights into customer perceptions and experiences.
- Tech Stack Used: BeautifulSoup, Python, Nltk, HTML, CSS, JavaScript
- Link: <https://github.com/Varinder-KM/Critic> Crawler

LINKS

- **LinkedIn:** [linkedin.com/in/varinder-kumar-6b2193230](https://www.linkedin.com/in/varinder-kumar-6b2193230)
- **Credly:** [credly.com/users/varinder-kumar-maurya/badges](https://www.credly.com/users/varinder-kumar-maurya/badges)
- **GitHub:** github.com/Varinder-KM
- **HackerRank:** <https://www.hackerrank.com/profile/Vk8172730>