

VARINDER KUMAR MAURYA

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

EDUCATION

Bachelor of Technology (CSE)

Gulzar Group of Institutes

Aug 2020 – 2024

7.3 SGPA

Higher Secondary (12th)

S.D.P Sen. Sec. School

April 2019 – May 2020

81 %

Matriculation (10th)

Orient Convent Sen. Sec. School

April 2017– May 2018

75 %

TECHNICAL SKILLS

- **Programming languages** : Python, Java, SQL
- **Data Management** : PostgreSQL
- **Cloud Platforms** : AWS (Amazon Web Services)
- **Python web Framework**: Django
- **Python Libraries** : Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, BeautifulSoup, Selenium
- **Machine Learning**: Regression Modelling (linear, logistic, regularized), Classification (Random Forest, KNN, SVM), Principle Component Analysis, Clustering (K-means, Hierarchical), Anomaly Detection.
- **Control system & other tools** : Git, GitHub, Figma

EXPERIENCE

PYTHON DEVELOPER

VQCODES Software Solution LLP

July 2023- Oct 2023

- Developed Python APIs and Scripts
- **Managed codebases** effectively, maintaining code quality, implementing version control, and fostering a collaborative development environment.

Open-Source Contributor

AMAHI & DSC-JSS-NOIDA

Jan 2021-June 2021

- 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

- **Ultimate AWS Certified Cloud Practitioner**
Udemy

Sep 2023 – Oct 2023

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*

AirBnb Bookings Analysis

- The project involves conducting Exploratory Data Analysis on the Airbnb dataset. This analysis will provide valuable insights that can enhance security, improve customer and host behavior, guide marketing initiatives, and enable innovative additional services.
- Tech Stack Used: **Numpy, Pandas, Matplotlib, folium, Seaborn**
- Link: <https://github.com/Varinder-KM/Hotel-Bookings-Analysis> *Capstone-Project*

Book Recommendation System

- Successfully delivered a functional and user-friendly book recommendation.
- Utilized the goodbooks-10k dataset and insights from external references, such as the Kaggle notebook and Books2Rec project, to optimize the recommendation algorithms.
- Tech Stack Used: **Django, Unsupervised Machine Learning, Python**
- Link: <https://github.com/Varinder-KM/Book-Recommendation-System>

Critic Crawler

- This project uses web scraping technology to efficiently gather reviews for a specific product and provide that data in CSV format.
- Tech Stack Used: **BeautifulSoup, Python, 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)
- **GitHub:** github.com/Varinder-KM
- **Portfolio:** <https://varinder-km.github.io/Varinder/>