SAHIL MOHRIL

CONTACT

+91 8318552946

sahilmohril@gmail.com

https://github.com/Sahil-Mohril

www.linkedin.com/in/sahil-mohril-2a301128b

2/27 Vishwas Khand, Gomti Nagar, Lucknow

PROFILE

Motivated BTech Computer Science student with a versatile skill set spanning programming, data analysis, and web development. diverse in learning and problem-solving, leveraging approaches to deliver innovative and impactful solutions. Dedicated to continuous growth and contributing effectively to dynamic, collaborative environments.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE

- B.Tech Computer Science and Engineering (Data Science)
- CGPA: 9.15

SETH M.R. JAIPURIA SCHOOL, LUCKNOW

- Higher Secondary Education
- ICSE : 96.0%
- ISC: 93.5%

SOFT SKILLS

- Analytical Thinking
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously

CERTIFICATIONS

- Oracle Certified Java Professional (SE11)
- Data science course in Cognizance'24 IIT Roorkee.
- A NumPy and Pandas Masterclass certification by Udemy.
- MySQL Bootcamp by Udemy

TECHNICAL SKILLS

- Languages: Python, Java, C, C++, SQL
- Data Analysis & ML: EDA, feature engineering, mathematical and practical knowledge of logistic regression, decision trees, SVM, linear regression
- Model Evaluation: Accuracy, Precision, Recall, F1-score, Confusion Matrix, ROC-AUC
- Libraries: Pandas, NumPy, scikit-learn, Matplotlib, Tensorflow.
- Databases: MySQL; proficient in querying and relational database design
- Web Knowledge: HTML, CSS, JavaScript, React and Spring framework
- Tools and Technologies: Basic knowledge of Git and GitHub, MS office, Visual Studio Code

PROJECTS

California Housing Price Estimation

- Applied data cleaning, correlation analysis implemented multiple linear regression using both scikit-learn and the normal equation. Analyzed model performance using confusion matrix and f1 score.

Car Price Data Analysis

- Performed data preprocessing (handling missing values, encoding categorical features, outlier treatment, scaling) to prepare car price dataset for analysis.
- Conducted EDA with visualizations (scatter plots, boxplots, heatmaps) to uncover key factors affecting car prices such as mileage, age, brand, and fuel type.