VIVEK KUMAR SAHU

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Linkedin | **Blog** | **GitHub** | **LeetCode** | **HackerRank**

EDUCATION

Sheerwood College — Jhansi (U.P.)
Science Intermediate — 2019 - 2020
Percentage: 72%

Vellore Institute of Technology, Bhopal — Bhopal (M.P.)
CSE Integrated M-Tech (Computational and Data Science) — 2020 - Present
CGPA: 7.77

SKILLS

Programming Languages:	Python, SQL, R, Java
Libraries/Frameworks:	Pandas, NumPy, MatplotLib, Keras, SciPy, Scikit learn.
Tools / Platforms:	Microsoft Excel, Google Analytics, Facebook Ad Manager
Databases:	IBM Watson Studio, My SQL

PROJECTS / OPEN-SOURCE

Cirrhosis Disease Prediction | Link *Python*
- Proficiently utilized a variety of machine learning algorithms for cirrhosis disease prediction, showcasing adaptability and expertise in model selection and optimization.
- Successfully improved prediction accuracy by implementing the Gravitational Search Algorithm for feature selection, achieving superior results compared to other existing techniques, and ensuring efficient use of computational resources.
- Effectively deployed the predictive model within a Streamlit environment, creating a user-friendly interface for seamless accessibility, enhancing the user experience while interacting with the model.

Stock Market Data and Risk Analysis | Link *Python*
- Conducted in-depth fundamental analysis of the Indian stock market, thoroughly examining essential financial indicators and market trends to extract valuable insights for informed investment decisions.
- Proficiently executed comprehensive risk analysis of US-based stocks, evaluating critical factors including market volatility, financial stability, and geopolitical influences, contributing to well-informed and risk-managed investment strategies.

SpaceX Falcon 9 Landing Prediction | Link *Python, SQL, Folium, HTML*
- Created a machine learning project to predict successful first-stage landings, contributing to cost-efficient rocket launches.
- It involved data collection through API, web scraping, data wrangling, exploratory data analysis, data visualization, interactive analytics with Folium, and a Decision Tree classifier for predictive analytics.

CERTIFICATIONS

- IBM Data Science Professional Certificate - **Coursera**
- Statistics for Marketing - **Coursera**
- Essential Design Principles for Tableau - **Coursera**

HONORS & AWARDS

AWS ML Challenge 290 Rank among the 4500+ teams.

LeetCode Global Rank 3,00,217 . Hacker rank 4 Star in Python, SQL, Java.

Core Member, Data Science Club, VIT Bhopal.

Selected as one of 50 global fellows for the IBM Your Big Year Make An Impact Fellowship 2022 March cohort.