

# V ABHISHEK

## Data Scientist

✉ [abhishekvedula12@gmail.com](mailto:abhishekvedula12@gmail.com) ☎ +91 9340419336 📍 Hyderabad, India

🌐 [linkedin.com/in/v-abhishek-115504214](https://www.linkedin.com/in/v-abhishek-115504214) 🐙 [github.com/VAbhishek12](https://github.com/VAbhishek12)

### 🎓 Education

#### BTech

2019 - 2023

*Bhilai Institute of Technology Raipur*

#### 12th

2018 - 2019

*Maharishi Vidya Mandir-1 Raipur*

### 💼 Professional Experience

#### Data science intern at AI Variant

02/2024 - present

- Developed and deployed machine learning models for various applications.
- Conducted data preprocessing, analysis, and visualization to support model development.
- Utilized Python and libraries such as Pandas, NumPy, and streamlit for data analysis and modeling.
- Collaborated with team members to refine algorithms and improve model performance.
- Contributed to the documentation and presentation of project results.

### 📁 Projects

#### Prediction of Brain Tumor using Machine Learning ☑

01/2023 - 07/2024

- Developed a machine learning model to predict brain tumors with high accuracy using Python, NumPy, Pandas, Matplotlib, and Seaborn.
- Gathered and processed large datasets of brain scans for training the model.
- Performed data cleaning, exploration, analysis, and visualization to extract and present actionable insights and trends to stakeholders.
- Implemented various classification algorithms and evaluated their performance to select the most effective approach

#### Gold Price Prediction ☑

02/2024 - 04/2024

- Developed a forecasting model to predict gold prices for the next 30 days, aiding gold exporting and importing companies in setting revenue expectations based on price movements.
- Collected and analyzed historical gold price data, Ensured data quality and integrity for accurate model training and validation.
- Performed comprehensive EDA to identify trends, patterns, and anomalies in gold prices, Visualized data using charts and graphs to gain insights into underlying structures.

- Implemented models such as ARIMA, SARIMA, and machine learning models like LSTM.
- Evaluated model performance using key metrics such as Mean Absolute Error (MAE), Mean Squared Error (MSE), and Root Mean Squared Error (RMSE).
- Deployed the final model for real-time forecasting.

### Book Recommendation System

05/2024 - present

- Developed a book recommendation system to suggest relevant books to users.
- Used collaborative filtering to identify similar users based on their ratings.
- Implemented the system in Python using libraries like Pandas and scikit-learn.
- Deployed the model as a web application using streamlit
- This allows users to interact with the system and receive personalized recommendations.

## Skills

**Programming Languages:** - Python | MySql | R


**Data Analysis and Visualization:** - NumPy | Pandas | Data Preparation and Cleaning | Data Analysis | Data Visualization | Statistics | Exploratory Data Analysis (EDA) | Classification and Regression Algorithm

**Tools:** - PowerBI | Excel | Jupyter Notebook | Google Colab | VS Code


**Version Control** - GitHub

**Soft Skills** - Problem-Solving | Quick Learning | Teamwork | Decision-Making

## Certificates

**Data Science certification** 

Excelr, Hyderabad

**Introduction to the Python** 

Coding Ninjas

**SQL Intermediate** 

Hackerrank

## Publications

**PREDICTION OF BRAIN TUMOR USING MACHINE LEARNING** 

JETIR

04/2023

## Languages

English • Hindi • Telugu