

Sayyad Abdul Bari

(M.Tech in Data Science from IIT Roorkee)

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Profile

I am a highly motivated M.Tech. student specializing in Data Science from IIT Roorkee. My experience in Computer Vision and AI for Investment has provided me with a deep understanding of machine learning algorithms and their practical applications. My passion for data science and my strong analytical skills make me a valuable asset to any team.

Education

07/2022 – present Roorkee, India	M.tech: Data Science <i>IIT Roorkee</i> ✓
08/2015 – 05/2019 Bhopal, India	B.Tech: Chemical Engg. <i>MANIT Bhopal</i> ✓
2014 – 2015 Chhatarpur, India	Intermediate (Class XII) <i>Dr. S. Radhakrishnan Higher Secondary School</i>
2011 – 2012 Chhatarpur, India	Matriculate (Class X) <i>Govt. Maharaja Multi Purpose H.S. Excellence School No.1</i>

Internship

01/2023 – 02/2023	Data Science <i>Exposys Data Labs</i> ✓
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Skills

Computer Languages

Python(advanced)
SQL
R



Others

Object-oriented programming (proficient)
Data visualization (proficient)
Statistical analysis (proficient)
Machine learning (proficient)
Feature engineering (proficient)
Exploratory data analysis (proficient)
Regression analysis (proficient)
Database management (proficient)

Software Packages

Flask
PyTorch
TensorFlow
Keras
NumPy
Pandas
Matplotlib/Seaborn
Scikit-learn

Projects

Diamond Price Prediction [↗](#)

I used Different Machine Learning model to train on diamond price data and find best model as XGboost model gives 97% accuracy with less error as compared to other models.

Heart Disese Prediction Using Deep Learning Techniques [↗](#)

Built a Deep Learning sequential model to predict heart disease, with hyperparameter tuning using Grid search.

Bankruptcy Prediction [↗](#)

I developed a logistic regression model for predicting bankruptcy with accuracy of 87%

Traffic Sign Board Detection [↗](#)

I develop a traffic sign board detection system using computer vision and machine learning techniques. The system will be able to detect and classify traffic signs in real-time, which can improve road safety and traffic management.

American Sign Language Detection with PyTorch [↗](#)

This project is an implementation of a Convolutional Neural Network (CNN) for American Sign Language detection using PyTorch. The goal of this project is to train a CNN model that can accurately detect American Sign Language gestures from images

GROUNDWATER Prediction Using GRACE Satellite

This project uses data from the Gravity Recovery and Climate Experiment (GRACE) satellite to predict ground water levels using machine learning techniques. The model achieved an R2 value of 94.88% and showed that latitude has a more significant impact on ground water thickness than longitude.

Securing Images with Triple DES Encryption [↗](#)

Securing Images with Triple DES Encryption" is a Python code that encrypts and decrypts image files using Triple DES algorithm with three keys entered by the user. The encryption provides confidentiality and authentication using the MODE_EAX and nonce for generating a random/pseudo-random number.

Languages

- English
- Hindi
- Urdu

Organizations

07/2017 – 05/2019
Bhopal, India

Mission Education Foundation [↗](#)
Member