

Alimpan Barik

Professional Title

I come from a mathematics background and interested in data analytics domain. I love to explore real world problems that involve statistics, machine learning and deep learning. I love challenging environments and an opportunity to grow and learn continuously



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🐙 github.com/alimpan

EDUCATION

M.Sc in Big Data Analytics (Data Science)
Ramakrishna Mission Vivekananda Educational Research Institute

09/2020 - Present

9.67 /10 (1st Semester)

B.Sc Mathematics (H)
Jadavpur University

07/2017 - 08/2020

9.2/10

Class XII th
Jhargram Kumud Kumari Institution (WBCHSE)

06/2015 - 06/2017

94.4% (16th in State)

Class Xth
Jhargram Kumud Kumari Institution (WBBSE)

02/2014 - 05/2015

96.5% (9th position in state)

PROJECTS

1. Finance Project: Modelling and Prediction of Indian Stock market using relevant news data and other covariates. (10/2021 - Present)
2. Brain Tumor Segmentation from 3D MRI images (On BRATS18 Dataset) using UNet (04/2021 - 06/2021)
 - Semantic segmentation of brain tumors from healthy tissue surrounding the tumor using Deep Learning or specifically UNet
3. Time Series Project: Time Series analysis of COVID-19 in India (Using GARCH) (10/2021 - Present)
4. Classification between hemophilia carriers and non-carriers using LDA in R based on AHFantigen and AHFactivity (05/2021 - 05/2021)
5. Visualization and EDA of suicide rates across different continents and different factors affecting suicide rates. (11/2020 - 01/2021)

WORK EXPERIENCE

Summer Intern
National Chemical Laboratory(NCL)

09/2021 - Present

Pune,India

Project:

- Developing a deep learning strategy to detect and grade breast cancers

Contact: Dr. Ramrup Sarkar

SKILLS

Python R Exploratory Data Analysis
Machine Learning Deep Learning
Statistics Time Series Analysis Finance
Computer Vision Optimization Algorithms
MySQL Neo4j

ACHIEVEMENTS

Madhava Mathematics Competition (06/2019)
Qualified Madhava Mathematics Competition in 2nd year of Graduation and attended the Madhava Nurture Camp organized in St. Xavier's College, Ahmedabad .

DST Inspire Scholar (2017 - 2020)

Top 1% student in state board achieve this grant from Department of Science and Technology ,Govt. of India.

LANGUAGES

English
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Analytics Cricket Badminton
Music Novels Photography
Technology