INDRANIL GANGULY
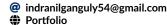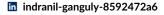
M.Sc. in Big Data Analytics
Ramakrishna Mission Vivekananda Educational and Research Institute, Belur Math, West Bengal, India

@ indranilganguly54@gmail.com   in indranil-ganguly-8592472a6   ○ iamganguly-2002   ✆ 8902071300
🌐 Portfolio

ACADEMIC PROJECTS

- **Project Title:** *Comparative Sentiment Analysis on IMDB Reviews Using LSTM, CNN, and BERT*
  Keywords: Deep learning, NLP, Sentiment classification, LSTM, CNN, BERT
  GitHub: github.com/iamganguly-2002/IMDB-Sentiment-Analysis
  Faculty: Dr. Soumitra Samanta

- **Project Title:** AI-Powered Face Mask Classification System
  Keywords:
  - Image data collection & preprocessing
  - NumPy array conversion
  - MobileNet-based transfer learning
  - Real-time computer vision

  GitHub: https://github.com/iamganguly-2002/Face_Mask_Detection
  Faculty Guide: Br. Tamal Maharaj

- **Project Title:** Classification Algorithm on Organ-CMNIST
  Keywords:
  - Various Classification Algorithms.
  - Each dataset is processed to extract images and labels.

  GitHub: https://github.com/iamganguly-2002/Classification_Algorithms_on_Organ-CMNIST
  Faculty Guide: Br. Tamal Maharaj

- **Project Title:** Comprehensive Regression Analysis on Diabetes Dataset
  Keywords:
  - Explored Linear,Polynomial,Ridge,Lasso,SGD Regression.
  - Applied Gradient Descent,Normal Equation,SVD for optimization.

  GitHub: https://github.com/iamganguly-2002/Machine_Learning_Regression_Project
  Faculty Guide: Br. Tamal Maharaj

- **Project Title:** Brain Tumor Classification using CNN
  Keywords:
  - Image data collection and preprocessing,CNN.

  GitHub: https://github.com/iamganguly-2002/Brain-Tumor_classification

COURSEWORK

- *RKMVERI*
  - Deep Learning
  - Natural Language Processing
  - Computer Vision
  - Artificial Intelligence
  - Time Series
  - Survival Analysis
  - Machine Learning
  - Statistics
  - Graph Theory
  - Java & Hadoop
  - Data Structure in python
  - Reinforcement Learning

ACHIVEMENTS/CERTIFICATIONS

- B.Sc Mathematics Honours Certificate under Calcutta University.
- SAGE math and Application course certificate with 80 marks(out of -100) from Peary Mohan College
- Awarded the title 'Vidya Shree' from Konnagar Municipality.
- Basic Computer Application Course Certificate in collaboration with ICT Schools from Mahesh Sri Ramkrishna Mission Assram .

EDUCATION

- **Ramakrishna Mission Vivekananda Educational and Research Institute, Howrah**
  M.Sc. in Big Data Analytics
  📅 2024 – Present   (Sem-1) CGPA: 5.02

- **Uttarpara Raja Peary Mohan College**
  B.Sc.(H) in Mathematics
  📅 2020 – 2023   CGPA: 7.972

- **Uttarpara Amarendra Vidyapith(H.S)**
  High Secondary Education (10+2)
  📅 2018 – 2020   Score: 91.25%

- **Mahesh Sri Ramkrishna Mission Assram(H.S)**
  Secondary Education (10)
  📅 2013 – 2018   Score: 89.25%

TECHNICAL SKILLS

- **Programming Languages:**Python, Java,C,C++, R, LaTeX
- **Frameworks:** Pytorch, Hadoop,Numpy,Pandas,Matplotlib
- **Tools:**Git/Github, Power BI, MS Office
- **Operating System:**Windows, Linux (Ubuntu)

ACTIVITY

- **Fest Organiser**
  - Organizing Committee Member, 2023 (annual deparmental college fest)
- **Volunteer**
  - Member of Volunteer group,students council [*PERCEPTRON-2024*]
- Anchoring in school and college Fest.

HOBBY

- Traveling, Car driving, Photography
- Bike Racing.