

DEBAYAN DUTTA

Pursuing MSc. Big Data Analytics

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🔗 <https://github.com/Debayan-Dutta>



Currently pursuing M.Sc in Big Data Analytics in RKMVERI, Belur. Interested in Machine learning algorithms, Deep learning, Natural Language processing and want to explore more about these domains.

EDUCATION

MSc in Big Data Analytics

RKMVERI

📅 Sept 2021 – Present

CGPA: 8.51

B.Sc in Mathematics

Seth Anandram Jaipuria College(CU)

📅 Jul 2018 – July 2021

CGPA: 8.36

10+2th

Sri Ramkrishna Sikshalaya, Howrah

📅 May 2016 – Jun 2018

89.2%

ONGOING PROJECTS

Named Entity Recognition using Deep Neural Models

Natural Language Processing

- Recognizing the Nested Named Entity of the text using the Deep neural Models

COMPLETED PROJECTS

Traffic Sign Recognition using Deep learning and comparing various optimizer's performances

Optimization Algorithms

- A comparative study of various Optimization Algorithms on 'German Traffic Sign Recognition Benchmark' Dataset using CNN model.

Suspicious Activity Detection Using Surveillance Footage

Computer Vision

- By analyzing raw video at different speeds, our method enables a 'Slow-Fast network' to essentially divide and conquer, with each pathway leveraging its particular strengths in video modeling.

Exploratory Data Analysis(EDA) ON E-commerce Sites

EDA

- EDA and Visualization on E-commerce sites using R programming
- EDA and Visualization on E-commerce sites using Python programming

SKILLS

Natural Language Processing

Machine Learning

Deep Learning

Data Visualization

Programming

Problem Solving

TOOLS

Python

R

SQL

Tensorflow

Scikit-Learn

Matplotlib

numpy

pandas

ACHIEVEMENT

- DST Inspire Scholarship(Govt of India)

COURSEWORK

- Linear Algebra
- Optimization Algorithms
- Machine Learning
- Deep Learning for CV
- Time Series and Forecasting
- Natural Language Processing
- Statistics

INTERESTS

Reading Fiction and non-fiction