Debyendu Routh

Degree : M.sc
Course : BIG DATA ANALYTICS
Institute: Ramakrishna Mission Vivekananda Educational And Research Institute
Mail id:debyendurouth223@gmail.com
Number: 8512925323
GitHub:https://github.com/Debyendu2000
LinkedIn: https://www.linkedin.com/in/debyendu-routh-083676320
RKMVERI, Belur Math

RKMVERI LOGO.jpeg

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage
M.Sc. (Mathematics)	Ramakrishna Mission Vivekananda Educational And Research Institute, Belur Math	9.14 (Ongoing)
B.Sc. (Mathematics)	Udaynarayanpur Madhabilata Mahavidyalaya, Howrah	7.854 CGPA
Higher Secondary	WBCHSE Board	83.4%
Secondary	WBCHSE Board	74.8%

EXPERIENCE

Teaching Experience :   *Dec 2024 - Feb. 2025*

Have teaching experience in Udaynarayanpur Madhabilata Mahavidyalaya   Udaynarayanpur

Working with Theoretical Mathematics :   *Jan. 2024 - June. 2025*

Have done MSc in Math with the project in Introduction to Hilbert Space, with grade A   RKMVERI, Belur Math

PROJECTS

Project 1   *Jan 2024 - May 2024*

Google Stock Price Prediction, guided by Prof. Br Bhaswarachaitanya

Project 2   *Aug 2024 - Dec 2024*

DiabPredict: AI-Powered Diabetes Risk Assessment, guided by Prof. Br Bhaswarachaitanya

Project 3   *Jan 2025 - May 2025*

Facial Emotion Detection: AI-Powered Computer Vision project guided by Prof. Br Bhaswarachaitanya

Project 4   *Jan 2025 - May 2025*

Brain Tumor Detection: AI-Powered Deep Learning project guided by Dr. Soumitra Samanta

KEY COURSES TAKEN

Machine Learning :	Supervised and Unsupervised Learning, Neural Networks
Deep Learning :	ANN,Transformer,Bert,RNN,CNN,LSTM,Self-Attention,NLP
Statistics :	Descriptive Statistics, Inferential Statistics,Hypothesis Testing,ANOVA
Data Structure And Algorithms :	Searching, Sorting Algorithms, OOP, Stacks, List, Linked-List, Array, Queues, Recursion, Trees, Maps, Hash Table, Sets
Computer Vision :	Image Processing, Object Detection, OpenCV, RNN, Transformer, GNN, LSTM
Time Series Analysis :	Have notions on Time Series And Survival Analysis, With Application Of R
Graph Theory :	Have a strong base in Graph Theory

TECHNICAL SKILLS

Programming: C/C++, Python, R, SQL
Tools & OS: Git, Jupyter Notebook, Google Colab, Linux, Windows, OS, Visual Studio Code
Libraries/Frameworks: Pandas, NumPy, scikit-learn, PyTorch

CERTIFICATIONS

Python and R : Online certificate course from Ramakrishna Mission Vidyamandira   April 2023 – June 2023

NPTEL : Certification on Python with 90%, IIT Madras   Jul 2024 – Oct 2024

WEBEL : Diploma in Software Application with 80%   Jan 2021 – Jun 2021

GATE : Have cleared GATE exam in Mathematics   Feb 2024