

Biswajit Paul

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Registration No.: **B2430043**



Soft Skills

- Fluent in English
- Team-oriented mindset
- Calm under pressure
- Adaptable and goal-driven

Academic Interests

- Deep Learning, XAI
- Health Analytics
- Dask/Spark, Statistics

Highlights

- Full-cycle ML pipeline
- Real-world datasets
- ML + Distributed systems

Tools & Platforms

- Linux (Ubuntu)
- VS Code
- JupyterLab
- GitHub
- Docker

Hobby

- Gaming
- Weightlifting

Education

- **RKMVERI**, West Bengal
M.Sc. Big Data Analytics *2024 – Present*
- **Bidhannagar College**, West Bengal
B.Sc. Statistics *Completed*
- **Jadavpur Vidyapith**, Kolkata
Higher Secondary / Secondary *Completed*

Projects

- **Weather Prediction with Dask** – Distributed pipeline for weather forecasts using Dask.
Faculty: Mr. Champak Dutta Jan'25–Apr'25
- **Fake News Detection (BERT)** – Fine-tuned BERT on WeLFake; **99% accuracy**.
Faculty: Dr. Soumitra Samanta
- **ChestX-ray8 Imaging** – CNN + Grad-CAM + U-Net, **73–74% accuracy**.
Faculty: Br. Bhaswarachaitanya
- **Housing Price Regression** – Regression + feature selection + diagnostics.
Faculty: Br. Bhaswarachaitanya
- **Customer Segmentation (RFM)** – Behavioral clustering + KPI visualizations.
Faculty: Br. Bhaswarachaitanya

Technical Skills

- **Languages:** Python, R, SQL
- **Libraries:** Pandas, NumPy, Dask
- **ML/DL:** Scikit-learn, TensorFlow, PyTorch, BERT
- **Medical Imaging:** U-Net, Grad-CAM
- **Visualization:** Matplotlib, Seaborn
- **Tools:** Git, LaTeX, Jupyter

Coursework

- **RKMVERI:** DL, NLP, CV, AI, Time Series, ML, Stats, Java, Hadoop, Finance, RL, Cyber Security
- **Bidhannagar College:** R, Statistics, Linear Algebra, Real Analysis

Certifications & Achievements

- DSA using Python – Udemy
- Machine Learning A-Z – Udemy
- Deep Learning A-Z – Udemy
- Python for Data Science – NPTEL (Top 5%)