

Tirthankar Paul

Researcher & Data Analyst



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Oulu, Finland

Profile Links

[LinkedIn Profile](#)

[Github Portfolio](#)

Academic Records

2009 - Bachelor in Engineering |

2012 - Master in Engineering |

2016 onwards - Doctoral Study

Training

ICT Training: 'Route to Code' by Opiframe on Javascript, HTML, Python and SQL.

ML and DL Courses

Machine and Deep Learning with Python [2022] conducted by Aalto University, Finland.

Online Certificate Course [2023] for ML and NLP by IIIT Bangalore, India.

Areas of specialization

Machine Learning • Data Science • Computer Coding

Languages

Bengali
English
Finnish



ABOUT ME

I am a researcher and data analyst specializing in Javascript, Python and MATLAB coding for big data and text mining. In addition, I have machine learning, deep learning, and natural language processing expertise, allowing me to analyze and handle large datasets effectively. With strong analytical, problem-solving, and collaborative skills, I have successfully contributed to various research projects as a doctoral researcher and have been recognized through grants, fellowships and publications.

EXPERIENCE

2016-till date	Doctoral Researcher in Biomimetics and Intelligent System Group (BISG), University of Oulu, Finland.
2012-2015	Assistant Professor, Department of Electronics and Communication Engineering, India.

SKILLS

- Machine Learning.
- Deep Learning.
- Artificial Intelligence (AI).
- Natural Language Processing (NLP).
- EDA (Exploratory data analysis).
- Database (MySQL).
- Adaptive algorithm.
- Collaborative work.
- Verbal and writing skills.

PROGRAMMING



GITHUB REPOSITORIES

Financial data	Lending analysis to minimize the banking and financial data risk factor.	Link
Revenue Earning	The USA based BoomBikes sharing case study to accelerate the revenue earning (Python)	Link
Language Processing	Identifying Entities in Healthcare Data to identify the diseases and predict the treatment by using NLP (Python)	Link
Javascript Project	This project shows the appropriate outdoor attire based on the current weather as well as offer dress recommendations based on projections for the near future (Javascript and HTML)	Link

GRANTS & FELLOWSHIP

2016	Infotech Oulu-DP
2021	High Performance Computing - Europa3, Travel grant
2023	Doctoral Study

PUBLICATIONS PROFILE

Google Scholar	Link
Scopus	Link
Total Publication	13 (International)

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