Tirthankar Paul
Researcher and Data Analyst

Contact Details:

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

Academic Records 🎓**:**

2016 - Present date:
Researcher in Sequence analysis, Information Technology and Electrical Engineering (ITEE) University of Oulu, Finland.

08/2010 - 07/2012 :

Master of Technology in Digital Electronic & Advanced Communication, Department of Electronics and Communication Engineering, Sikkim Manipal University, India

ML Courses (2022): *Machine Learning with Python* conducted by Aalto University, Finland. And online Certificate course for *ML and NLP* by IIIT Bangalore, India.

Language:

English, Hindi, Bengali

Summary:
Researcher, Data and Image Analyst with Python and MATLAB Coding skills for big data and text mining.

Training: *Route to Code* by Opiframe.

Skills:

- Machine Learning
- Deep Learning
- Natural Language Processing (NLP)
- EDA (Exploratory data analysis)
- Big-Data handling
- Adaptive algorithm
- MySQL
- Collaborative work
- Analytical and problem solving.
- Verbal and writing skills

Computer Skills: i) Python. ii) MATLAB. iii) Javascript. iv) HTML. v) C

Library Experiences: Pandas, NumPy, Scikit-learn, XGBoost, OpenCV and NLTK

Data Analysis Works (GitHub Repositories):
Lending analysis to minimize the risk factor *for banking and financial data*. (https://github.com/TirthankarPaul/LCCS.git)

The USA based *BoomBikes sharing case study* to accelerate the revenue earning*:* (https://github.com/TirthankarPaul/TPassignment_BS.git)

Identifying Entities in Healthcare Data to identify the diseases and predict the treatment by using NLP. (https://github.com/TirthankarPaul/Healthcare.git)

Professional History

02/2016-Till Date	**Doctoral Researcher,** in Biomimetics and Intelligent System Group (BISG), University of Oulu, Finland.
08/2012 - 12/2015	**Assistant Professor,** Department of Electronics and Communication Engineering, India.

Grants and Fellowship

10/2021-12/2021	**High Performance Computing-*Europa3*** travel grant for a collaboration work in the University of Turin, Italy for nine weeks.
02/2016-08/2022	Doctoral Researcher Fellowship, Funded by **Infotech-DP Oulu.**

Research Profile (Research Publications: 13)
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Google Scholar: Tirthankar Paul
(https://scholar.google.com/citations?user=c5j1DXgAAAAJ&hl=en)