



# Tirthankar Paul

Researcher and Data Analyst



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## Contact Details:

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## 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.

## 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) 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](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>)