



MAYUR MANKAR

BS-MS Data Science & Engineering

Minor in Economics

Indian Institute of Science Education and Research, Bhopal

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Github | Website
Linkedin

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
BS-MS	Indian Institute of Science Education and Research, Bhopal	7.58	2020-Present
Senior Secondary	Maharashtra State Board of Secondary and Higher Secondary Education	75.38%	2019
Secondary	CBSE	10.0	2017

EXPERIENCE

- **VSCC** Dec 2020 - May 2021
Subject Matter Expert Sausar
 - Taught students chemistry for JEE/NEET preparation.
 - Designed assignments, practice tests, and study material. Made content for a Youtube channel.

PROJECTS

- **Abusive Comment Detection in Marathi on Twitter** Sept. 2022 – Present)
Dr. Jasabanta Patro Github
 - Currently, I am scraping data from Twitter under different sub-classes of abusive and non-abusive classes.
 - Then it will be pre-processed and annotated. Further, we will use different pre-trained language models as baseline models and try to increase the performance of the model.
- **SemEval2023 Task9: Multilingual Tweet Intimacy Analysis (October 2022 – Present)** Oct. 2022 - Present
SemEval 2023 Reports
 - The goal of this task is to predict the intimacy of tweets in 10 languages. We are given a set of tweets in six languages (English, Spanish, Italian, Portuguese, French, and Chinese) annotated with intimacy scores ranging from 1-5 to train your model.
 - The model performance will be evaluated on the test set in the given 6 languages as well as an external test set with 4 languages, not in the training data (Hindi, Arabic, Dutch, and Korean).
 - We will use Pearson's r as the evaluation metric.
- **Analysis of NeurIPS Conference Proceedings scrapped from NeurIPS official website** Sept. 2022
Prof. Parthiban Srinivasan Github
 - Here, I scrapped the data of all the research papers, author names, and links to the papers published till 2021.
 - This dataset can be used to analyze the changing trends in research in this field.
- **Analysis of mobile dataset scrapped from Flipkart website** Oct. 2022
Prof. Parthiban Srinivasan Github
 - Here, I scrapped the first 500 pages of the mobile category from the Flipkart website. Data scraped contains all the specifications of the mobiles along with the ratings of the customers.
 - The exploratory and descriptive analysis is done of this dataset.

TECHNICAL SKILLS

- **Programming:** Python, R, C++
 - **Tools/Frameworks:** Sklearn, Tensorflow, PyTorch, OpenCV, NLTK, Transformers*, ggplot2, tidyr, dplyr, plotly, xml2, tidyverse
 - **Web Scraping:** BeautifulSoup, regex, snsrape, tweepy, lxml
 - **Web Development:** HTML & CSS
 - **Operating Systems:** Windows, Linux*
 - **Office automation:** LaTeX, Word, Excel, Powerpoint
- * Elementary proficiency

KEY COURSES TAKEN

- **Mathematics:** Calculus of One Variable, Linear Algebra, Multivariable Calculus, Discrete Mathematics -I & Probability and Statistics
- **Data Science & Engineering:** Introduction to Programming, Data Structure & Algorithms, Signals & Systems, Fundamentals of Database Systems, Computer Vision, Data Science in Practise & Machine Learning
- **Economics:** Econometrics-I & Econometrics-II

POSITIONS OF RESPONSIBILITY

- **Working Team** : Student Development Council, IISER Bhopal

Aug. 2022 - Present

ACHIEVEMENTS

- Secured All-India rank **7619** in **IIT-JEE** 2019 in OBC category.
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