

VIDHI SHUKLA

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EDUCATION

Master of Science in Information Technology

University of Mumbai

May 2024

- CGPA 10.00/10.00

Bachelor of Science in Information Technology

University of Mumbai

May 2022

- CGPA 9.57/10.00

Higher Secondary Education

Vishnu Waman Thakur Charitable Trust

May 2019

- Percentage 64.00%

RESEARCH

Predicting PCOS Using Learning Vector Quantization

Sep 2022

- Conducted in-depth research on the application of Learning Vector Quantization (LVQ) algorithms for the early prediction of Polycystic Ovary Syndrome (PCOS).
- Utilized a range of data pre-processing and machine learning techniques to analyse clinical data sets.
- The paper is currently under review for presentation at the Springer Nature's EquinOCS Conference, highlighting its potential impact and innovation in the field of medical informatics and AI.

KEY PROJECTS

NLP based Sentiment Analysis of Twitter Data of India

Jun 2023

- Developed a sentiment analysis model using advanced NLP techniques with attention-based models like BERT and GPT.
- Technologies Used: Python, BERT, GPT, TensorFlow, Natural Language Processing (NLP), Data Analytics.

Plagiarism Checker

Jan 2022

- Engineered a plagiarism detection tool using NLP and machine learning techniques to analyse and compare textual content.
- Technologies Used: Python, Natural Language Processing (NLP), Text Processing Algorithms, Machine Learning.

COURSES AND CERTIFICATIONS

- Foundational C# with Microsoft Developer Certification Sep 2023
- Programming for Everybody using Python, Coursera (University of Michigan) Sep 2023
- MySQL Basics by Great Learning Academy Sep 2023
- Google Certified Professional Machine Learning Engineer Jul 2023
- TCS iON Career Edge - Young Professional (Communication Skills) Jun 2023
- Data Visualization using Tableau, Great Learning Feb 2022
- Introduction to Cloud Identity, Coursera (Google Cloud) Jul 2021

SKILLS

- **Programming Languages:** Python, C++, JavaScript, Java, HTML, CSS
- **Databases:** SQL

EXTRACURRICULAR ACTIVITIES

- Active Member of the Student Council, contributing significantly to organizational and event management tasks.
- Demonstrated leadership skills in coordinating team activities, planning and executing school events, and representing student interests.