Dhwanit Shah

✉ dhwanit.shah28@gmail.com   📞 999989 51889

in DhwanitShah   ⌕ Dhwanit28

About

I am currently pursuing my BTech. in Computer Science from Pandit Deendayal Energy University. I have a strong foundation in programming, statistical analysis, and data visualization. Proficient in tools and technologies like Python, SQL, RDBMS, and TensorFlow with a keen interest in solving complex problems using data-driven insights. Passionate about pursuing a career as a data analyst to uncover trends and support strategic decision-making."

Education

Pandit Deendayal Energy University   *Sept 2022 – May 2026*
BTech. in Computer Science
- GPA: 8.9/10
- **Coursework:** Data Structures, Machine Learning, Computer Networks, Web Development

St.Xaviers High School   *Sept 2022 – May 2026*
Higher Secondary Education(12th)
- Percentage: 81

St.Xaviers High School   *Sept 2022 – May 2026*
Secondary Education(10th)
- Percentage: 82

Projects

Diabetes prediction using Machine learning   *link* ⧉
- Various machine learning algorithms have been applied to predict whether a person has diabetes. Once all classifier has shown their optimum solution then, stacking ensemble learning is used to boost the accuracy.
- Tools Used: pandas, scikit-learn, matplotlib, Boosting algorithms

Disk Scheduling Algorithm   *link* ⧉
- A Graphical Interface on how this algorithm works is made using HTML, CSS and Javascript. This project showed how this different Disk Scheduling algorithm works and it becomes easy to understand for everyone.
- Tools Used: HTML, CSS, Javascript

IPL Database(MySQL)
- As, a part of our curriculum, we made a IPL database such that it records all matches that are played and players information about their runs and wickets. SQL concepts like cardilality, normalization,etc. were used.
- Tools Used: MySQL

ILSUM2024(Webscraping and Tokenizing)   *link* ⧉
- Various news articles are scraped and then, summarized & tokenized to prepare its database. This was done with help of selenium, BeautifulSoup,etc.
- Tools Used: BeautifulSoup, Selenium

Document Verification System(Blockchain, Computer Vision)   *link* ⧉
- In this project, my team and I made a Blockchain and Computer Vision-based document verification system.
- In this project, I worked on the Computer vision part. My work was to check the template of the document was valid and extract details from the document, which is used for verification in the blockchain system.
- Tools Used: Tesseract OCR, Open CV, Tensorflow Object Detection, MySQL, MongoDB

Experience

HASOC (Hate speech and Offensive Content Identification)   *link* ☑

- ○ At HASOC my task is to collect such content or text and to tokenize them.

ILSUM(Indian Language Summarization)   *link* ☑

- ○ The news articles that are scraped from the sites should be summarized to short.

Certificates

Python for Data Science   *link* ☑

Supervised Machine Learning: Regression and Classification   *link* ☑

Advance Learning Algorithm   *link* ☑

Publications

Forecasting Diabetes: Leveraging ML for Early Detection and Prevention   December 2024

Dhwanit Shah, *Akshat Vora*, Devam Joshi Debabrata Swain

[10.1109/ICCUBEA61740.2024.10775100](#) ☑

Technologies

Languages: C++, Java, SQL, Python

Technologies: Machine Learning, Deep Learning, MySQL, Excel, Matplotlib