Dhwani Chheda

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 <https://github.com/HP814/>

# Education

**Usha Mittal Institute of Technology, SNDT University, Mumbai** *Bachelor of Technology – Data Science Engineering CGPA:* ***8.72***

*(till3rd Semester)*

**St. john the Baptist High school & junior college**

HSC *Percentage* – **81.17%**

**St. john the Baptist High school & junior college**

*SSC Percentage -* **93.60%**

*2026*

*2022*

*2020*

# Skills

**Programming Languages:** C, C++, Python, Java.

**Technologies & Tools:** Pandas, Matplotlib, NumPy, Seaborn.

**Academic foundation skills:** DBMS, OOPs, DSA.

**Databases:** PostgreSQL.

**Other:** MS Office, Excel, Jupyter Notebook.

**General:** Problem solving, Leadership, Communication, Presentation, Team work, Critical thinking, Designing

**Languages:** English, Hindi, Marathi, Gujarati.

# Projects

**Analyzing Weather Parameters to Predict Optimal Timing for Cognitive Development of Humans**

* I am working on this project with Prof. Neil Philip and his team from CUNY University in New York, USA, as well as the academics at my institution.
* We are working as a team to discover a link between a human's cognitive growth and local atmospheric weather and weather change.
* I am the primary software engineer responsible for designing the analytic code for our proposed research hypothesis of our team.
* To create a correlation, I am utilizing several data science-related modules. I have also effectively employed modulation to reduce code redundancy by constructing modular code.

# Extracurricular

**GeeksForGeeks, Student Chapter -** *Chairperson* July *2024 - present*

**GeeksForGeeks, Student Chapter -** *Council Member* *July 2023 - June 2024*

**GeeksForGeeks, Student Chapter -** *Student Representative* *August 2022 - June 2023*

# Certifications

Fundamentals of Programming – *Coursera* – Duke University.

# Achievements

Published technical paper on **Analyzing Weather Parameters to Predict Optimal Timing for Cognitive Development of Humans** in IETE - ISF Conference held at Dwarkadas J. Sanghvi College of Engineering.