



# MANISHA SHETTY

M.Sc, Agriculture Analytics

## EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

CPI: 7.47

July 2019 – Present

Gandhinagar, Gujarat

B.sc in Agriculture (DBSKKV)

CGPA: 8.6

2017 – 2019

Sindhudurg, Maharashtra

HSC (MSASJC)

Percentage: 68%

2017-2019

Khanda Colony, Maharashtra

SSC (CKT)

Percentage: 89%

2016- 2017

Panvel, Maharashtra

## SKILLS

Area(s) of Interest : Data Analytics, Remote Sensing, GIS etc.

Programming Languages : Python, R, SQL etc.

Tools and Technologies : QGIS, ArcGIS, ENVI, ERDAS, Google Earth Engine, GDAL, PostGIS

## EXPERIENCE

Company 1: Aadox

Oct 2021- April 2022

- Content Writing Internship.

Company 2: Mahila Kathya Coir Cluster Foundation

August 2022- October 2022

- Learned a lot about the strategies and workings of coir cluster foundation.

## POSITIONS OF RESPONSIBILITY

BIS Club

Core Member

December 2023- Present

## PROJECTS

1. Biophysical Parameter Estimation using SAR and ML models.

April 2024 • Guide: Dr. Dipanwita Haldar

- Combined synthetic aperture radar (SAR) data from Sentinel-1 with ML models for estimating biophysical parameters in mango orchards situated in Siyana, Uttar Pradesh, India.

2. Machine Learning Models for Snowfall Prediction in Uttarakhand.

Feb 2024 • Guide: Prof. Kamal Panday

- Used Machine learning models for Snow fall prediction in Uttarakhand.

3. Analyzing Indian Refugee and Immigration Patterns in Canada.

Jan 2024 • Guide: Prof. Prasun Kumar Gupta

- -Analyzing Indian immigration and refugee patterns, deriving the causes, demographics, and implications using Python.

4. Healthcare Probability Mapping in Gandhinagar.

Nov 2023 • Guide: Prof. Ranendu Gosh

- Integrated QGIS, PgAdmin, and ArcGIS to analyze medical facilities as well as created Probability map for the same using ML models.

## ACHIEVEMENTS

- SAC-ISRO: Microwave Data Processing and Application certificate.
- Amnexus Infotechnologies Pvt. Ltd: Application of Advanced Geospatial Technologies in Agriculture with special reference to Crop yield modelling and Agromet Parameter Retrieval.
- ESRI India: Spatial Analysis With ArcGIS PRO.
- Pioneer tech: Advanced Excel, Power BI and Tableau