

# Viral Sherathiya

## Machine Learning Enthusiast

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### Profile

Machine Learning Enthusiast with having experience in developing Tableau Dashboards and working with Financial Data Analysis with different tools like Python, Tableau and Excel. Interested in Machine Learning, Computer-Vision & NLP.

### Professional Experience

#### Online PSB Loans


BI Developer 

05/2022 - present  
Ahmadabad, India

Online PSB Loans Limited is a India's Largest Online Lending Fintech company an objective to provide financial innovations and solutions.

Responsibilities: Develop Advance Analytics Dashboard, Data Analysis, improve existing analysis, Explore New Tools for better Insights and Performance.

#### Technocolab Software

Data Science Intern 

04/2022 - 05/2022  
Remote, India

Working with Project Startup Acquisition Status Prediction in that we got the data and We have to predict the startup is running or it is closed.

- Data Cleaning • EDA - Feature Engineering. • Data Visualization
- Model Building • Deployment Streamlit (Heroku)

### Skills

Python

Machine Learning

Deep Learning

MySQL


Tableau

Power BI

Excel

### Education

#### Data Science Masters (Certification)

Jain University 

10/2021 - 09/2022  
Remote, India

#### Bachelor of Technology

Junagadh Agricultural University

07/2018 - 06/2021  
Junagadh, India

### Projects

#### California House Price Prediction(Personal)

03/2023 - 04/2023

Objective: Predict House price using Given Features

Implementation: Created End to End Pipe line From Data Ingestion > Data validation > Data Transformation > Model Trainer > Model Evaluation > Model

Push > Flask API > Model Retraining (Deployment)

Tools: Python, Git, GitHub, Docker

### Tomato Leaf Disease Classification ((Personal) [↗](#)

Objective: To Classify the images of Tomato Leaves as per their Diseases

Category .

I prepare Model Using Tensor Flow - Keras and Predict Predict class of Given Image There are total 10 class 1 healthy and other 9 is with disease .

Tools: Python, Tensor Flow(Keras)

### Crop Image Classification(Personal) [↗](#)

Objective to Classify Different Images given of Agriculture crops (30 classes)

In this project I used Transfer Learning Technique to classify the image I use Inceptionv3 Model and Classify the Image of crop.

I prepare api to predict image class

### Food Delivery Time Prediction (Personal) [↗](#)

04/2023 - 05/2023

Objective: Predict Food Delivery Time by Given Features

Implementation: Implemented End to end Pipeline and Also Use prepare a Docker Image Also Tried with EC2 Deployment

Tools: Python, Git, GitHub, Docker

### Finacial MIS Dashboards (Professional)

05/2022 - present

(MSME, Mudra, Retail, MOM,3P, Performance, Jan Samarth)

Prepare Dashboards in Tableau which represents Bank/Product wise data as per need also implemented automated Insights Dashboard.

**Jan Samarth** [↗](#) is a digital portal that enables citizens to access various Central Government schemes. The portal was launched by the Government of India in 2022.

Tools: Tableau, Excel, MySQL, Power BI

### FIT Rank (Professional) [↗](#)

FIT Rank is Credit Score for MSME Developed by CIBIL and OPL.

Performed Analysis on credit behaviour of customer and develop dash board for get insights from data.

Tools: Tableau, Excel, Python, Dash

## Languages

English • Hindi • Gujarati

## Certificates

- Data Science with Python  
Complete Course [↗](#)

- Tableau For Beginners [↗](#)

## Courses

**Data Science Masters** [↗](#)

10/2021 - 09/2022

*Fingertips*

Ahmadabad, India

**Internet Of Things in Agriculture Domain**

08/2019 - 08/2019

*Technex, IIT (BHU) VaranasiTechnex, IIT (BHU) Varanasi*

Junagadh, India