



DISEASE OUTBREAK DETECTION

Team Members

- Pratham Nayak - 191IT241
- Aprameya Dash - 191IT209
- Suyash Chintawar - 191IT109

Step 1- Initial Setup

1. Clone the Github repository

git clone <https://github.com/spectre900/Disease-Outbreak-Detection.git>

2. Enter the cloned directory. Install all required packages from **requirement.txt**

pip install -r requirements.txt

Step 2- Train model

1. Enter the cloned repository. Execute the file **LSTM/train/preprocessing.py**

```
python3 LSTM/train/preprocessing.py
```

2. Execute the file **LSTM/train/train.py**

```
python3 LSTM/train/train.py
```

3. Wait for the training to be completed! Finally a trained disease detector model will be created.

Step 3- Execution

1. Execute the driver file 'driver.py' to generate real-time data

`python3 driver.py`

2. Execute the file **Frontend/app.py** to start the flask server

`python3 Frontend/app.py`

3. Open the URL:

`http://127.0.0.1:5000/`

4. Browse the web pages and see all generated statistics!

Thank You