**Round 2 Phase 3 – Working Prototype**

Title: Stats Paper

Team: KIIT\_BHUBANESWAR\_Glitch

Execution Guide:

Launching Instance:

1. Please go to <https://aws.amazon.com/>
   1. Login to the console using the credentials below:

User (select root user): [gdeep521999@gmail.com](mailto:gdeep521999@gmail.com)

Password: Glitch@Technoutsav

1. At AWS Management Console select the EC2 under All Services -> Compute
2. Under Resources select Running instances
3. Select the only instance present there and click Actions and go to Instance State and click Start.
4. Check the instance state. It should indicate that the instance is running.

Connecting to Instance (Windows only but might work for Linux too):

1. Copy the Public DNS (IPv4) under the description of the instance.
2. Launch Windows PowerShell and enter the following commands:
   1. ssh ubuntu@<paste the Public DNS (IPv4) you copied>
   2. Enter “yes” for a fingerprint confirmation (If prompted).
   3. Now enter password: minor1234
3. With some basic info displayed you should see yourself in a ubuntu terminal.

Launching the Application:

1. Navigate to application folder using the following command:
   1. cd /home/ubuntu/technoutsav/app/app/app
2. Enter “python3 host.py” at the terminal
3. Copy the url to connect printed at the terminal and connect using the browser.
4. At the browser you must see a website when you connect using the url above.
5. Currently, only one company can be searched at the search bar “tata steel bsl ltd” and click search.
6. To stop enter ctrl+c

Testing the Application Components:

1. Make sure you are at the terminal (at the project directory) and enter the command “python3 test\_api.py” to test the APIs.
2. Enter the command “python3 test\_predictors.py” to test the prediction models and enter the filename for your selected choice:
   1. Test stock regressor: /home/ubuntu/technoutsav/app/app/test\_data/stock\_test.csv
   2. Test Sentiment Intensity Classifier: /home/ubuntu/technoutsav/app/app/test\_data/sentiment\_test.csv

Stopping the Instance (Important):

There are two ways:

1. On the EC2 instance console, goto Actions -> Instance -> Stop.
2. At the terminal enter “sudo shutdown now”