Deployment guide for news sentiment BI

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4. Client (ReactJs)

You can use http-server that simply the time for the deployment testing. To install, run “brew install http-sever” from the brew command (OSX)

The default port is 3000 in http-server in your localhost.

For the ReactJs build, please execute npm run build. The complied files will be in the folder /Client/build.

Copy the build files into http-server folder (Default is ~/.public) and reload the page for testing. You can also point to other folders using http-server <folder name> to start

1. News (Python3)
2. Parameters

Inside /Tools, there is a local\_server.py for you to start local server to test, input the environment file to do the encryption conversion

|  |  |
| --- | --- |
| RDS\_XXXXXXX | Database configuration |
| SERVER\_HOST | Server listening host |
| SERVER\_PORT | Server listening port |

1. Server startup

To start the local server, simply apply python3 ./server.py –env-file=<config files>

You can also package the application using docker build ./

For Docker run, execute the below command to load the configuration during run time

* Docker run –env-file=<Env file (.env.XXXXX)> <docker name or id>

1. AWS deployment

You can setup ETL using Lambda + Cloudwatch. Simply execute deploy script in /Deploy/AWS/Lambda/deploy.sh

* Sh ./deploy.sh deploy

Depends on your needs, you can also change the script to store as csv without storing to DB.