**INSTALLATION & EXECUTION GUIDE**

The whole working is shown in a video, provided in website itself.

Visit the website link

[**http://ec2-13-234-38-210.ap-south-1.compute.amazonaws.com:8080/**](http://ec2-13-234-38-210.ap-south-1.compute.amazonaws.com:8080/)

From the front page in the **Documentations** section,

Click on the **Download Code Solution as a ZIP**

**Now Follow These Steps to Test Our Application on a Local Computer.**

**Download Test Cases From the webpage**

**STEP 1:**

Extract the **executable\_codes.zip** file using any zip extractor.

**STEP 2:**

First install **Python 3.7+** in the system, then install **pip.**

Use the **requirements.txt** file to install all the dependencies by running the following command

**>>> pip3** **install** **-r requirements**.**txt**

Here we’ve particularly used **tensorflow version 1.15**, instead of the latest tensorflow version i.e 2.2, because the library ‘**tflearn’** **is not yet supported on tensorflow 2x version.**

**STEP 3 (Optional): Run the** ‘**HR\_Trained\_Bot.py’ file**

As we’ve provided the already trained model files, it won’t require to run ‘**HR\_Trained\_Bot.py’**

file.

Yet, for the proof of concept we’ve provided the training file. Run the file in the python SHELL or IDE (eg: spyder) or even from command prompt(Windows)/Terminal(linux), run the file.

It will create the following files in the same directory,

- model.tflearn.data-00000-of-00001

- model.tflearn.index

- model.tflearn.meta

- training\_data.pkl

**STEP 4:**

Run the ‘**application.py**’ by executing the command in shell

>>> **python3 application.py**

The **Flask** Application will start running on local server.

**STEP 5:**

Follow the test cases.

After typing **exit,** click on the home button and check the mail with which you registered.

You can check the Database using Postgresql Server (PgAdmin-4).

The credentials of the database can be found in the file name **“aws\_credentials.txt”**.

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