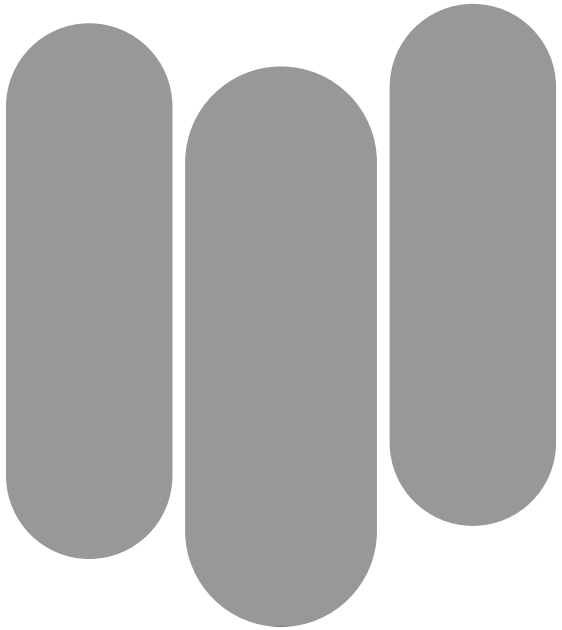


Model Deployment with Flask

THE TIMES OF INDIA GROUP

Steps

1. Extract the zip file
2. In the existing tensorflow 2.x environment install Flask

   -Pip install Or use anaconda navigator

3. Open anaconda prompt and navigate to webapp folder and run the command
   python app.py

4. Launch web app

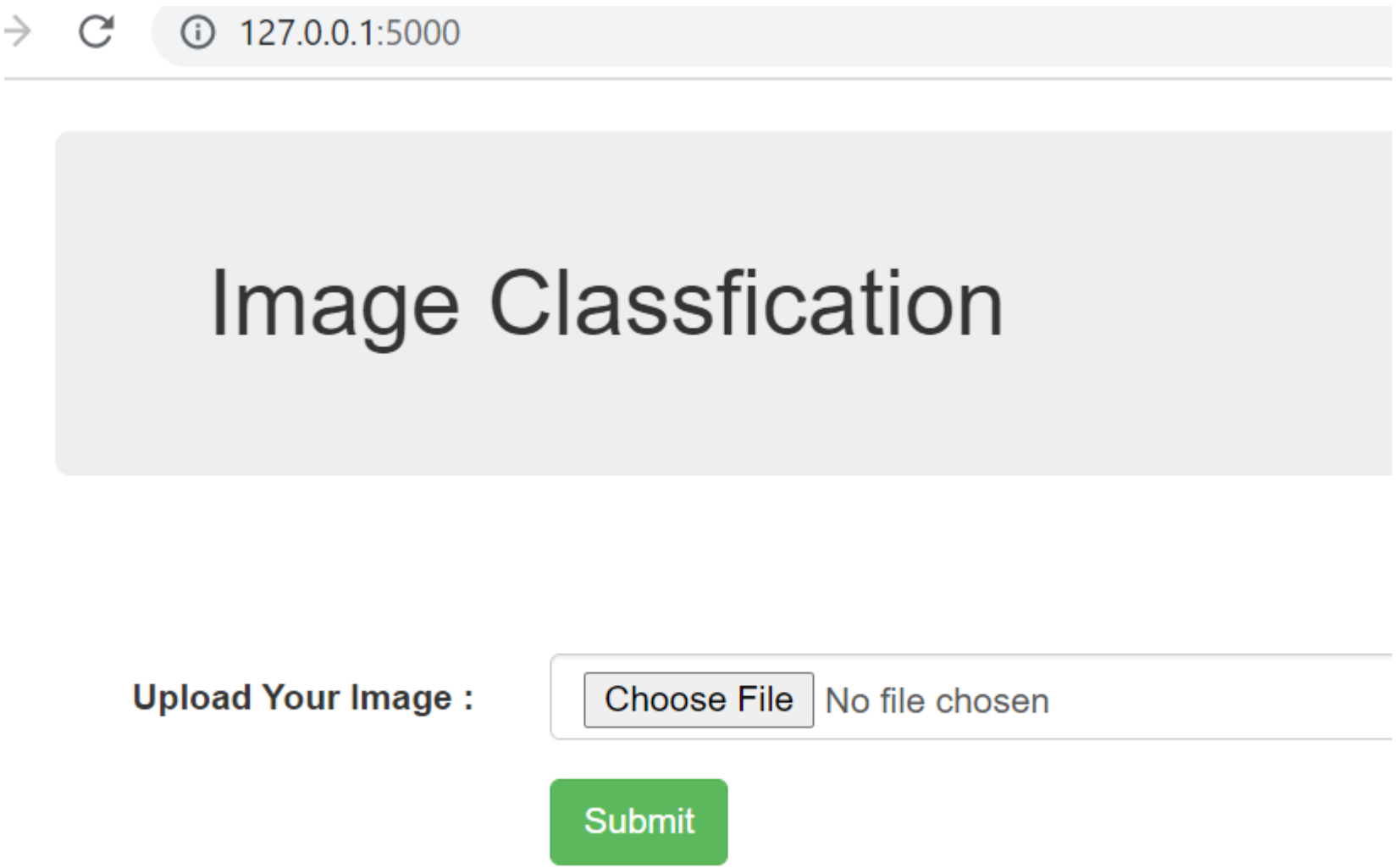
5. Test

Step 3: App launch

1. Run python app.py from the webapp folder
2. Copy the url and paste in browser

```
 * Serving Flask app "app" (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Restarting with stat
2021-11-22 13:10:14.435943: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dyn
 found
2021-11-22 13:10:14.436077: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dlerror i
2021-11-22 13:10:18.518377: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dyn
2021-11-22 13:10:18.518514: W tensorflow/stream_executor/cuda/cuda_driver.cc:269] failed call to cuInit: UNKNO
2021-11-22 13:10:18.525958: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:169] retrieving CUDA diagnos
2021-11-22 13:10:18.526218: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:176] hostname: TLBLKLEXEDL00
2021-11-22 13:10:18.529104: I tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary is opt
 the following CPU instructions in performance-critical operations:  AVX AVX2
To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
 * Debugger is active!
 * Debugger PIN: 509-136-887
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Step 4: open in browser



Result

Upload Your Image : Choose File No file chosen

Submit

This is : *Cat*