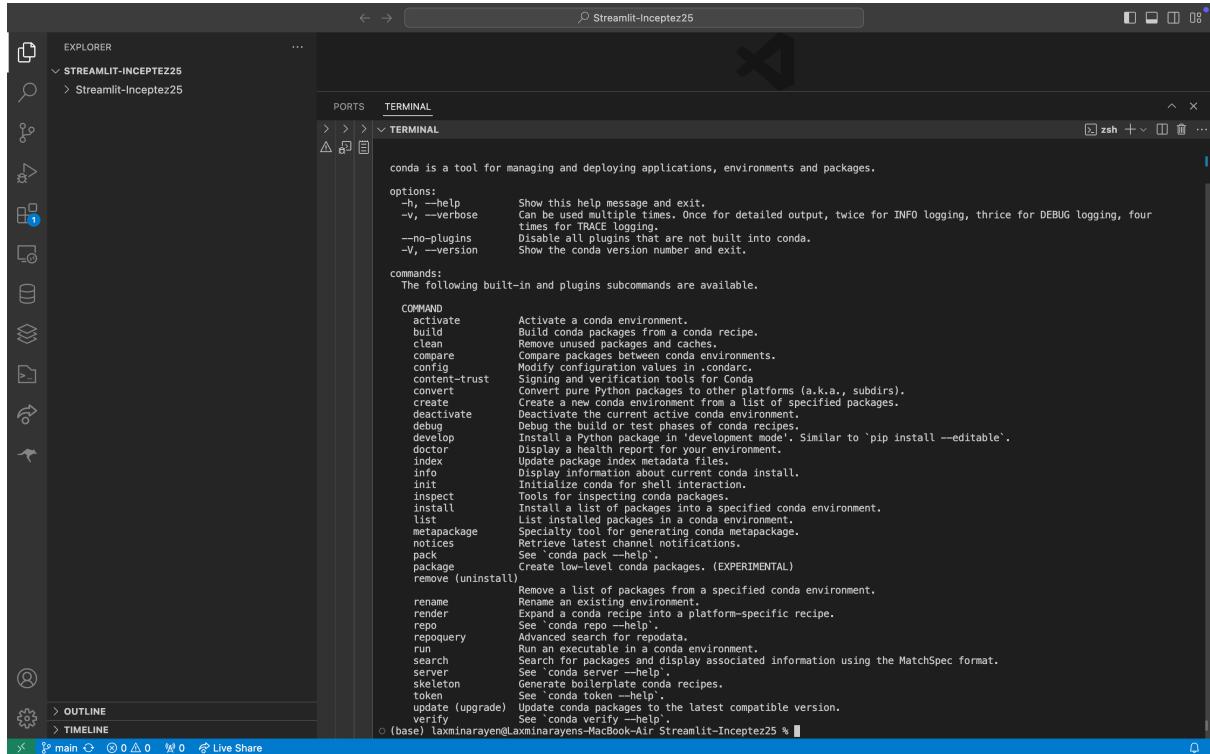


## 1. CREATING An Environment – One time step!!

### 1. Check if you have conda installed in ENV path

Typing conda in VS Code terminal should show this.. it means conda is added as env path:



The screenshot shows the VS Code interface with the terminal tab selected. The output of the 'conda' command is displayed, providing help information about the tool's options and commands. Key options like --help, -v, and --version are described, along with commands such as activate, build, clean, compare, config, content-trust, convert, deactivate, debug, develop, doctor, index, info, init, inspect, install, list, metapackage, notices, pack, package, remove, rename, render, repo, repquery, run, search, server, sketchton, token, update, verify, and (un)install.

```
conda is a tool for managing and deploying applications, environments and packages.

options:
  -h, --help      Show this help message and exit.
  -v, --verbose   Can be used multiple times. Once for detailed output, twice for INFO logging, thrice for DEBUG logging, four
                  times for TRACE logging.
  --no-plugins    Disable all plugins that are not built into conda.
  -V, --version   Show the conda version number and exit.

commands:
  The following built-in and plugins subcommands are available.

COMMAND
  activate      Activate a conda environment.
  build         Build conda packages from a Conda recipe.
  clean         Remove unused packages and caches.
  compare       Compare packages between conda environments.
  config        Modify configuration values in .condarc.
  content-trust Signing and verification tools for Conda.
  convert       Convert pure Python packages to other platforms (a.k.a., subdirs).
  deactivate    Deactivate the current active conda environment.
  debug         Debug the build or test phases of conda recipes.
  develop       Install a Python package in 'development mode'. Similar to `pip install --editable`.
  doctor        Display a health report for your environment.
  index         Update package metadata files.
  info          Display information on the current conda install.
  init          Initialize conda for shell interaction.
  inspect      Tools for inspecting conda packages.
  install       Install a list of packages into a specified conda environment.
  list          List installed packages in a conda environment.
  metapackage   Specialty tool for generating conda metapackage.
  notices      Return the latest channel notifications.
  pack          See 'conda pack --help'.
  package       Create low-level conda packages. (EXPERIMENTAL)
  remove (uninstall) Remove a list of packages from a specified conda environment.
  rename       Rename an existing environment.
  render       Expand a Conda recipe into a platform-specific recipe.
  repo         See 'conda repository help'.
  repodata     Advanced search for repodata.
  run          Run an executable in a conda environment.
  search       Search for packages and display associated information using the MatchSpec format.
  server       General help for Conda recipes.
  sketchton   See 'conda sketchton --help'.
  token        See 'conda token --help'.
  update (upgrade) Update conda packages to the latest compatible version.
  verify       See 'conda verify --help'.
  
```

If not work with Anaconda Prompt!!!

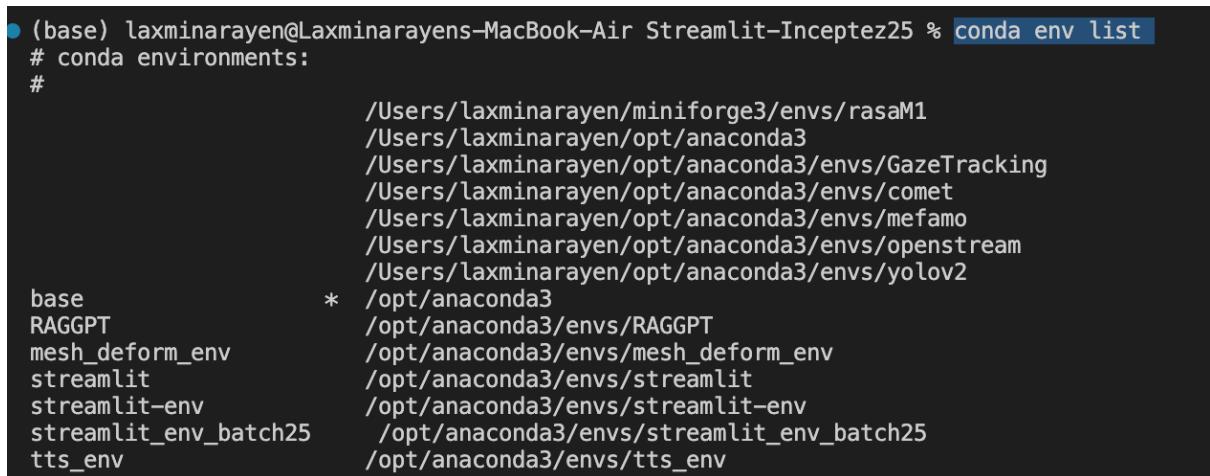
### 1. Create Conda env (ONCE CREATED IT WILL STAY!)

a. conda create -n <env\_name> python=<version>

**conda create -n streamlit\_env\_batch25python=3.9**

### 2. Check if exist:

a. **conda env list**



The screenshot shows the Anaconda Prompt window with the command 'conda env list' entered and its output displayed. The output lists various conda environments, including 'base', 'RAGGPT', 'mesh\_deform\_env', 'streamlit', 'streamlit-env', 'streamlit\_env\_batch25', and 'tts\_env'. For each environment, the full path is shown, such as '/Users/laxminarayen/miniforge3/envs/rasaM1' for the 'base' environment.

```
(base) laxminarayen@Laxminarayens-MacBook-Air Streamlit-Inceptez25 % conda env list
# conda environments:
#
base                         /Users/laxminarayen/miniforge3/envs/rasaM1
RAGGPT                        /Users/laxminarayen/opt/anaconda3
mesh_deform_env                /Users/laxminarayen/opt/anaconda3/envs/GazeTracking
streamlit                      /Users/laxminarayen/opt/anaconda3/envs/comet
streamlit-env                  /Users/laxminarayen/opt/anaconda3/envs/mefamo
streamlit_env_batch25          /Users/laxminarayen/opt/anaconda3/envs/openstream
tts_env                        /Users/laxminarayen/opt/anaconda3/envs/yolov2
* /opt/anaconda3
  /opt/anaconda3/envs/RAGGPT
  /opt/anaconda3/envs/mesh_deform_env
  /opt/anaconda3/envs/streamlit
  /opt/anaconda3/envs/streamlit-env
  /opt/anaconda3/envs/streamlit_env_batch25
  /opt/anaconda3/envs/tts_env
```

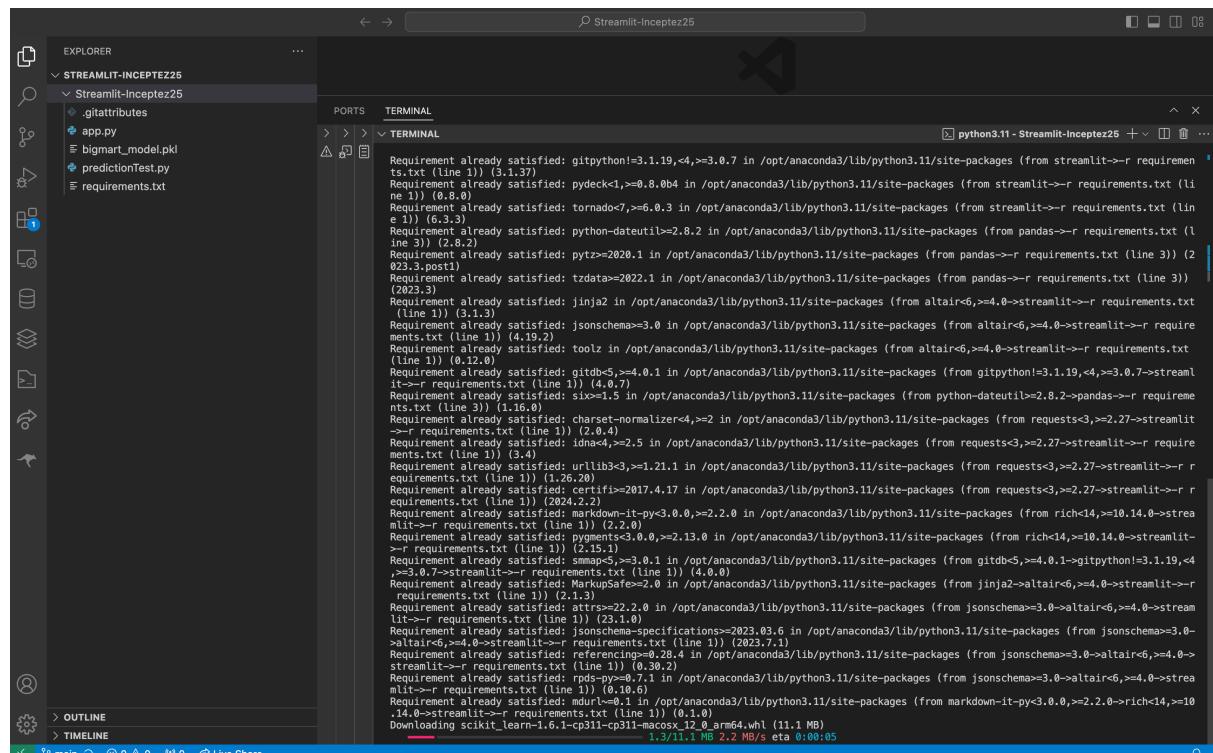
Add Requirements.txt: <https://github.com/Laxminarayen/Streamlit-Inceptez25/blob/main/requirements.txt>

3. Navigate to the place where requirements.txt is present from the prompt.. and make sure it is present there..

```
● (base) laxminarayen@Laxminarayens-MacBook-Air Streamlit-Inceptez25 % ls
  app.py          bigmart_model.pkl      predictionTest.py    requirements.txt
○ (base) laxminarayen@Laxminarayens-MacBook-Air Streamlit-Inceptez25 %
```

And then do

4. pip install -r requirements.txt



```
Requirement already satisfied: gitpython!=3.1.19,<4,>=3.0.7 in /opt/anaconda3/lib/python3.11/site-packages (from streamlit->-r requirements.txt (line 1) (3.1.37))
Requirement already satisfied: pydeck<1,>=0.8.0b4 in /opt/anaconda3/lib/python3.11/site-packages (from streamlit->-r requirements.txt (line 1)) (0.8.0)
Requirement already satisfied: tornado<7,>=6.0.3 in /opt/anaconda3/lib/python3.11/site-packages (from streamlit->-r requirements.txt (line 1)) (6.3.3)
Requirement already satisfied: python-dateutil<=2.8.2 in /opt/anaconda3/lib/python3.11/site-packages (from pandas->-r requirements.txt (line 3)) (2.8.2)
Requirement already satisfied: pytz==2020.1 in /opt/anaconda3/lib/python3.11/site-packages (from pandas->-r requirements.txt (line 3)) (2020.1)
Requirement already satisfied: tzdata==2022.1 in /opt/anaconda3/lib/python3.11/site-packages (from pandas->-r requirements.txt (line 3)) (2022.1)
Requirement already satisfied: jinja2 in /opt/anaconda3/lib/python3.11/site-packages (from altair=>6,>=4.0->streamlit->-r requirements.txt (line 1))
Requirement already satisfied: jsonschema>=3.0 in /opt/anaconda3/lib/python3.11/site-packages (from altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (4.19.2)
Requirement already satisfied: toolz in /opt/anaconda3/lib/python3.11/site-packages (from altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (0.12.0)
Requirement already satisfied: gitdb<5,>=4.0.1 in /opt/anaconda3/lib/python3.11/site-packages (from gitpython!=3.1.19,<4,>=3.0.7->streamlit->-r requirements.txt (line 1)) (4.0.1)
Requirement already satisfied: six>=1.5 in /opt/anaconda3/lib/python3.11/site-packages (from python-dateutil>=2.8.2->pandas->-r requirements.txt (line 3)) (1.16.0)
Requirement already satisfied: charset-normalizer<4,>=2 in /opt/anaconda3/lib/python3.11/site-packages (from requests<3,>=2.27->streamlit->-r requirements.txt (line 1)) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in /opt/anaconda3/lib/python3.11/site-packages (from requests<3,>=2.27->streamlit->-r requirements.txt (line 1)) (3.4.1)
Requirement already satisfied: urllib3<3,>=1.21.1 in /opt/anaconda3/lib/python3.11/site-packages (from requests<3,>=2.27->streamlit->-r requirements.txt (line 1)) (1.26.20)
Requirement already satisfied: certifi>=2017.4.17 in /opt/anaconda3/lib/python3.11/site-packages (from requests<3,>=2.27->streamlit->-r requirements.txt (line 1)) (2024.2.2)
Requirement already satisfied: markdown-it-py<3.0.0,>=2.2.0 in /opt/anaconda3/lib/python3.11/site-packages (from rich<14,>=10.14.0->streamlit->-r requirements.txt (line 1)) (2.2.0)
Requirement already satisfied: rich<14,>=10.14.0,>=2.2.0 in /opt/anaconda3/lib/python3.11/site-packages (from rich<14,>=10.14.0->streamlit->-r requirements.txt (line 1)) (2.15.1)
Requirement already satisfied: smmap<5,>=3.0.1 in /opt/anaconda3/lib/python3.11/site-packages (from gitdb<5,>=4.0.1->gitpython!=3.1.19,<4,>=3.0.7->streamlit->-r requirements.txt (line 1)) (4.0.0)
Requirement already satisfied: MarkupSafe>=2.0 in /opt/anaconda3/lib/python3.11/site-packages (from jinja2=>altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (2.1.3)
Requirement already satisfied: pyparsing<3.0.0,>=22.2.0 in /opt/anaconda3/lib/python3.11/site-packages (from jsonschema>=3.0->altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (22.1.0)
Requirement already satisfied: jsonschema-specifications>=2023.03.6 in /opt/anaconda3/lib/python3.11/site-packages (from jsonschema>=3.0->altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (2023.7.1)
Requirement already satisfied: referencing>=0.28.4 in /opt/anaconda3/lib/python3.11/site-packages (from jsonschema>=3.0->altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (0.30.2)
Requirement already satisfied: numpy<1.25.0,>=1.24.0 in /opt/anaconda3/lib/python3.11/site-packages (from jsonschema>=3.0->altair=>6,>=4.0->streamlit->-r requirements.txt (line 1)) (1.24.0)
Requirement already satisfied: mdurl=>0.1 in /opt/anaconda3/lib/python3.11/site-packages (from markdown-it-py<3.0.0,>=2.2.0->rich<14,>=10.14.0->streamlit->-r requirements.txt (line 1)) (0.1.0)
Downloading scikit_learn-1.6.1-cp311-cp311-macosx_12_0_arm64.whl (11.1 MB)
  1.3/11.1 MB 2.2 MB/s eta 0:00:05
```

Once installations are done.. do from the same directory where you also have app.py

5. streamlit run app.py