

Pre-Requisites:

```
Administrator: Anaconda Prompt (anaconda3)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\users\mm\anaconda3\lib\site-packages (from pyasn1-modules==0.2.1->google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (0.4.8)
Requirement already satisfied: idna<4,>=2.5 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard==2.5->tensorflow==2.5.0) (3.3)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard==2.5->tensorflow==2.5.0) (2021.10.8)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard==2.5->tensorflow==2.5.0) (1.26.9)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\mm\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard==2.5->tensorflow==2.5.0) (2.0.4)
Requirement already satisfied: oauthlib<=3.0.0 in c:\users\mm\anaconda3\lib\site-packages (from requests-oauthlib>=0.7.0->google-auth-oauthlib<0.5,>=0.4.1->tensorboard==2.5->tensorflow==2.5.0) (3.2.1)
Building wheels for collected packages: termcolor
  Building wheel for termcolor (setup.py) ... done
  Created wheel for termcolor: filename=termcolor-1.1.0-py3-none-any.whl size=4848 sha256=d87a063b8984e0ff387293c19c57a832dd3b7a93385512b4e85e23403ca510
  Stored in directory: c:\users\mm\appdata\local\pip\cache\wheels\b6\0d\90\0d1bbd99855f99cb2f6c2e5ff96f8023fad8ec367695f7d72d
Successfully built termcolor
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Installing collected packages: six, numpy, grpcio, absl-py, typing-extensions, termcolor, tensorflow-estimator, keras-nightly, h5py, flatbuffers, tensorflow
  Attempting uninstall: six
    WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
    Found existing installation: six 1.16.0
    Uninstalling six-1.16.0:
      Successfully uninstalled six-1.16.0
  Attempting uninstall: numpy
    WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
    Found existing installation: numpy 1.22.4
    Uninstalling numpy-1.22.4:
      Successfully uninstalled numpy-1.22.4
ERROR: Could not install packages due to an OSError: [WinError 5] Access is denied: 'C:\Users\mm\anaconda3\lib\site-packages\~\mpy\lib\libopenblas.EL2C6PLE4ZYW3ECEVIV30XGRN2NRFM2.gfortran-win_amd64.dll'
Consider using the '--user' option or check the permissions.

WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
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WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install flask
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Requirement already satisfied: flask in c:\users\mm\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\mm\anaconda3\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\mm\anaconda3\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\mm\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: click>=5.1 in c:\users\mm\anaconda3\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: colorama in c:\users\mm\anaconda3\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\mm\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
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(base) C:\WINDOWS\system32>

Administrator: Anaconda Prompt (anaconda3)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Collecting tensorflow==2.5.0
  Downloading tensorflow-2.5.0-cp39-cp39-win_amd64.whl (422.6 MB)
    | 422.6 MB 67 kB/s
Collecting six==1.15.0
  Downloading six-1.15.0-py2.py3-none-any.whl (10 kB)
Collecting typing-extensions==3.7.4
  Downloading typing_extensions-3.7.4.3-py3-none-any.whl (22 kB)
Requirement already satisfied: wrapt==1.12.1 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (1.12.1)
Collecting termcolor==1.1.0
  Downloading termcolor-1.1.0.tar.gz (3.9 kB)
Requirement already satisfied: gast==0.4.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (0.4.0)
Requirement already satisfied: wheel==0.35 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (0.37.1)
Requirement already satisfied: opt-einsum==3.3.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (3.3.0)
Requirement already satisfied: google-pasta==0.2 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (0.2.0)
Collecting numpy==1.19.2
  Downloading numpy-1.19.2-cp39-cp39-win_amd64.whl (13.3 MB)
    | 13.3 MB 48 kB/s
Collecting keras-nightly==2.5.0.dev
  Downloading keras_nightly-2.5.0.dev2021032900-py2.py3-none-any.whl (1.2 MB)
    | 1.2 MB 437 kB/s
Requirement already satisfied: keras-preprocessing==1.1.2 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (1.1.2)
Requirement already satisfied: tensorboard==2.5 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (2.10.0)
Collecting tensorflow-estimator<2.6.0,>=2.5.0rc0
  Downloading tensorflow_estimator-2.5.0-py2.py3-none-any.whl (462 kB)
    | 462 kB 261 kB/s
Collecting grpcio==1.34.0
  Downloading grpcio-1.34.1-cp39-cp39-win_amd64.whl (2.9 MB)
    | 2.9 MB 149 kB/s
Collecting h5py==3.1.0
  Downloading h5py-3.1.0-cp39-cp39-win_amd64.whl (2.7 MB)
    | 2.7 MB 252 kB/s
Requirement already satisfied: protobuf>=3.9.2 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (3.19.1)
Collecting flatbuffers==1.12.0
  Downloading flatbuffers-1.12-py2.py3-none-any.whl (15 kB)
Collecting absl-py==0.10
  Downloading absl_py-0.15.0-py3-none-any.whl (132 kB)
    | 132 kB 312 kB/s
Requirement already satisfied: astunparse==1.6.3 in c:\users\mm\anaconda3\lib\site-packages (from tensorflow==2.5.0) (1.6.3)
Requirement already satisfied: requests<3,>=2.21.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (2.28.1)
Requirement already satisfied: google-auth-oauthlib<0.5,>=0.4.1 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (0.4.6)
Requirement already satisfied: tensorboard-plugin-wit==1.6.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (1.8.1)
Requirement already satisfied: markdown==2.6.8 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (3.3.4)
Requirement already satisfied: setuptools>=41.0.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (61.2.0)
Requirement already satisfied: werkzeug==1.0.1 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (2.0.3)
Requirement already satisfied: google-auth<3,>=1.6.3 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (1.33.0)
Requirement already satisfied: tensorboard-data-server<0.7.0,>=0.6.0 in c:\users\mm\anaconda3\lib\site-packages (from tensorboard==2.5->tensorflow==2.5.0) (0.6.1)
Requirement already satisfied: rsa<4,>=3.1.4 in c:\users\mm\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (4.7.2)
Requirement already satisfied: pyasn1-modules==0.2.1 in c:\users\mm\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (0.2.8)
Requirement already satisfied: cachetools<5.0,>=2.0.0 in c:\users\mm\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard==2.5->tensorflow==2.5.0) (4.2.2)
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Administrator: Anaconda Prompt (anaconda3)

(base) C:\WINDOWS\system32>pip install keras==2.2.4
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Collecting keras==2.2.4
  Downloading Keras-2.2.4-py2.py3-none-any.whl (312 kB)
    | 312 kB 1.1 MB/s
Requirement already satisfied: six>=1.9.0 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.16.0)
Requirement already satisfied: h5py in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (3.6.0)
Requirement already satisfied: pyyaml in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (6.0)
Requirement already satisfied: scipy>=0.14 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.7.3)
Collecting keras-applications>=1.0.6
  Downloading Keras-Applications-1.0.8-py3-none-any.whl (50 kB)
    | 50 kB 261 kB/s
Requirement already satisfied: keras-preprocessing>=1.0.5 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.1.2)
Requirement already satisfied: numpy>=1.9.1 in c:\users\mm\anaconda3\lib\site-packages (from keras==2.2.4) (1.23.3)
Collecting numpy>=1.9.1
  Downloading numpy-1.22.4-cp39-cp39-win_amd64.whl (14.7 MB)
    | 14.7 MB 152 kB/s
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Installing collected packages: numpy, keras-applications, keras
  Attempting uninstall: numpy
    WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
    Found existing installation: numpy 1.23.3
    Uninstalling numpy-1.23.3:
      Successfully uninstalled numpy-1.23.3
  Attempting uninstall: keras
    WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
    Found existing installation: keras 2.10.0
    Uninstalling keras-2.10.0:
      Successfully uninstalled keras-2.10.0
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
ERROR: pip's dependency resolver does not currently take into account all the packages that are installed. This behaviour is the source of the following dependency conflicts.
daal4py 2021.5.0 requires daal==2021.4.0, which is not installed.
tensorflow 2.10.0 requires keras<2.11,>=2.10.0, but you have keras 2.2.4 which is incompatible.
numba 0.55.1 requires numpy<1.22,>=1.18, but you have numpy 1.22.4 which is incompatible.
Successfully installed keras-2.2.4 keras-applications-1.0.8 numpy-1.22.4
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install tensorflow==2.5.0
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Collecting tensorflow==2.5.0
  Downloading tensorflow-2.5.0-cp39-cp39-win_amd64.whl (422.6 MB)
    | 422.6 MB 67 kB/s
Collecting six<=1.15.0

Administrator: Anaconda Prompt (anaconda3)

(base) C:\WINDOWS\system32>pip install opencv-python
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Requirement already satisfied: opencv-python in c:\users\mm\anaconda3\lib\site-packages (4.6.0.66)
Requirement already satisfied: numpy>=1.17.3 in c:\users\mm\anaconda3\lib\site-packages (from opencv-python) (1.19.5)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install imutils
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
Requirement already satisfied: imutils in c:\users\mm\anaconda3\lib\site-packages (0.5.4)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>pip install virtuenv
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
ERROR: Could not find a version that satisfies the requirement virtuenv (from versions: none)
ERROR: No matching distribution found for virtuenv
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)
WARNING: Ignoring invalid distribution -illow (c:\users\mm\anaconda3\lib\site-packages)

(base) C:\WINDOWS\system32>
```