**Steps to create Face Mask Detection Model using TensorFlow Object Detection->**

**1)Download v1.13.0 model.**

**2)Download the faster\_rcnn\_inception\_v2\_coco model from the model zoo or any other model of your choice from TensorFlow 1 Detection Model Zoo.**

**3)Download Dataset & utils.**

**4)Download labelImg tool for labelling images.**

**5) Extract all the above zip files into a Face Mask Detection folder and remove the compressed files.**

**6) Creating virtual env using conda**

**7)Install the following packages in your new environment**

**8)Install protobuf using conda package manager-**

**9) Conversion of protobuff to .py**

**10)Moved all content present in utils into research folder**

**11) Paste faster\_rcnn\_inception\_v2\_coco or any other model downloaded from model zoo into research folder**

**12)Annotated the dataset images and convert generated XML files to CSV and then CSV to tf\_ record file**

**13)Copy from research/object detection/samples/config/.config file into research/training**

**14)Update num\_classes, fine\_tune\_checkpoint ,and num\_steps plus update input\_path and label\_map\_path for both train\_input\_reader and eval\_input\_reader**

**15)From research/object detection/legacy/ copy train.py to research folder**

**16)Copy deployment and nets folder from research/slim into the research folder**

**17)Start the training in your local system**