Introduction of Kivy:

We are creating desktop application to demonstrate our project using kivy. Kivy is open source library or framework of python which freely available that allows us to develop multiplatform applications that run on Desktops like Windows, macOS, Linux and could also run on iOS and android devices. Kivy is flexible that give freedom to us to write code once and runs as it is on different platform. The application development using this kivy library helps to develop interactive applications with a simple GUI that is easy to use. The main advantage of using the kivy platform is that the application is developed in any platform, and after that it can be used in any type of device to help reuse the code and be deployed easily. The UI given by the kivy framework helps to develop interactive application that are user friendly. Kivy supports various type of input devices that include keyboard, mouse etc. Application that build by using kivy are very fast. It is completely based on python programming language that is very powerful and help to create the application in minimum time.

Desktop application:

So in our project we will be using kivy to create desktop application which will be use by end-user. This desktop application work in offline mode(without internet) and because of that it is fast and more responsive compare to web application. This application is integrated with OpenCV model which detect the face. This Desktop application will take input of image of that person which user want to detect and if the the face of the person in input image is detected by OpenCV model in the video stream then application shows the face is detected with the timestamp and that particular video frame in which the face is detected. Otherwise shows the face is not detected.