

on the depend production # Display an Imagential as probable (V2. imshow ('Window\_name, display\_image)
CV2. Waitkey (o) (Time) Léthis function is used for noiting some millise cond for any keyloard CV2. des troy Fel Hindows (i) ( ) ( used to dutroy all the windows We have created of not it look it esitan iar of touritifi sour DECESSING image pixels and planes

Open (v!) E. Visualizing an image as an away 1+ F is easy to access its pixels by Timply array indexing, for example if you have to access the pixel at position [100,100] y: pixel= imoge[100,100] and print (pixel) and all and Lythin obtain the BGir values of position [100,100] and we can see that intensity Jange in 6/W 0->255

gropency, the Red, Green and blue planes are arranged in order [Blue; Green; Red] ico Book for accessing only blue plant lg: blue = image [:; :, 0] print (blue) To get the shape of image we use # cg ) image name shape => (512,512,3)

To get the size of image we use # Plane Image\_nome.size Hyeras!) is a python based deep learning framework which is actually the high level apr of tensorflor · open source, high level new ral-network library Writtnin python, so lasy to de bug · Puns on top of tensorflow, Theono, UCNTY Puns smoothly on CPU & GPU, if used in U.L. It lensorflow:) Opensource and free S/N library for windows

· Used for ML apps. like neural hetworks · Used for research and production at googles # Numby stands for numerical python
9+ is a library which consists of multidimen-sional array objects and collection
of routines for processing those arrays. · Li con perform mathematical and logical operation on arrays. · Performs operation related to Linear alolgiq Import on image using ? I Lie.
(Python Imaging Library) from PIL import Image import humpy of np img = Image. open ("file path. ext.")

(used for create the image object)

10 convert it to numby array , we simply used in built method of numby

ir. (1) img - whay = np-array (img)

