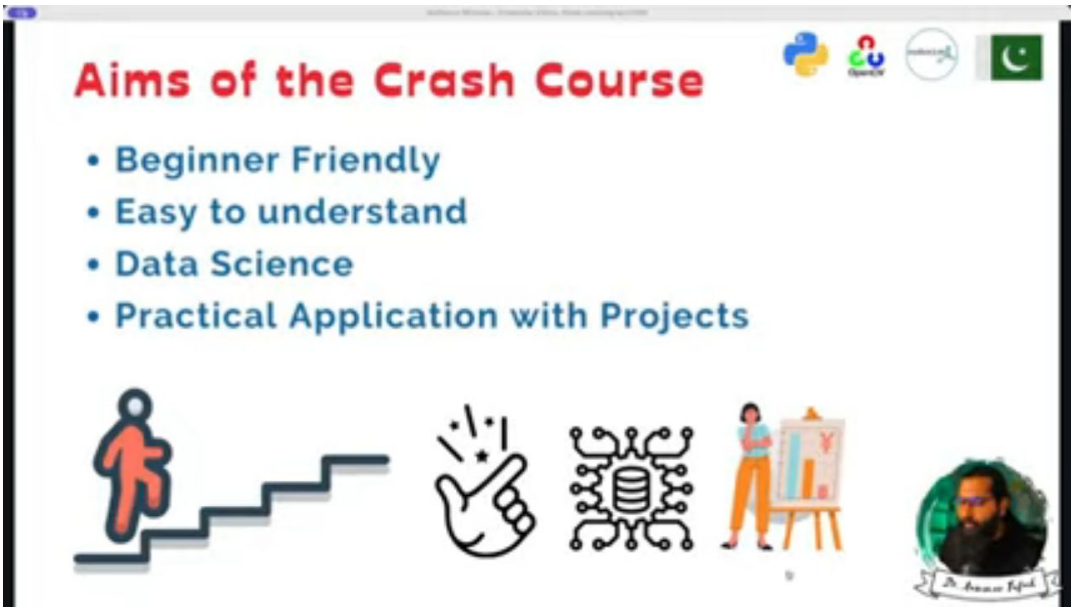
View, add and edit your notes in the app

Computer Vision basics| Deep Learning-101 complete course | (Day-05)

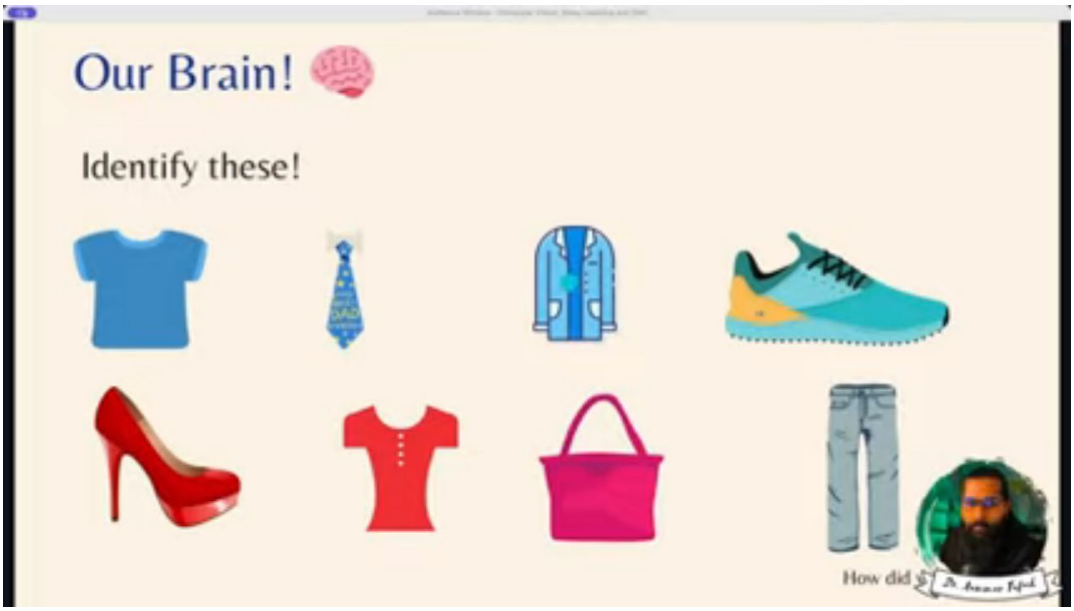
Generated on January 25, 2024

Summary

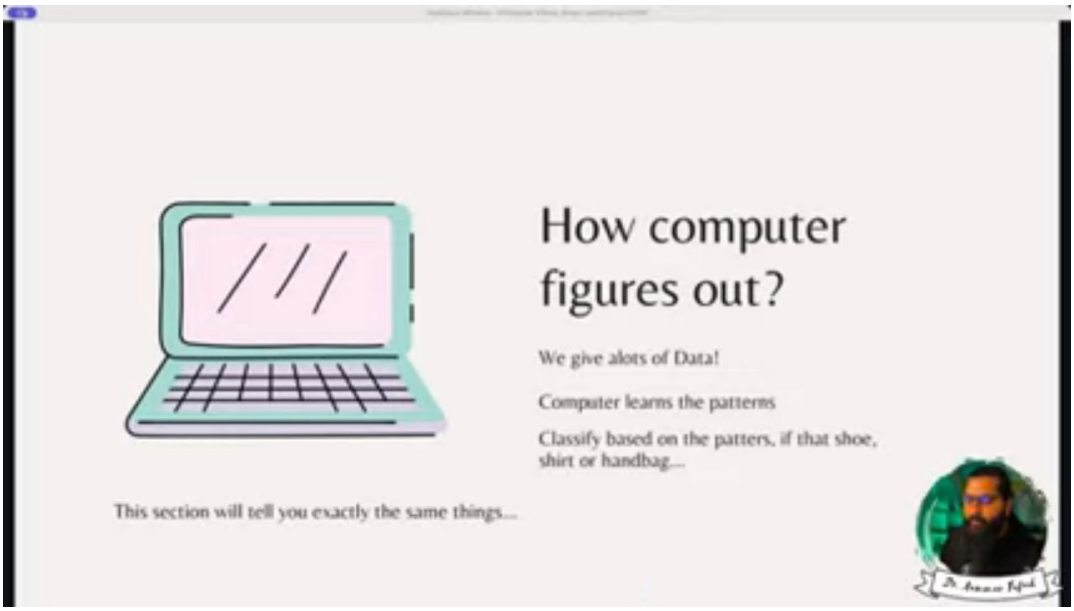
Notes	Screenshots	Bookmarks
0	16	0



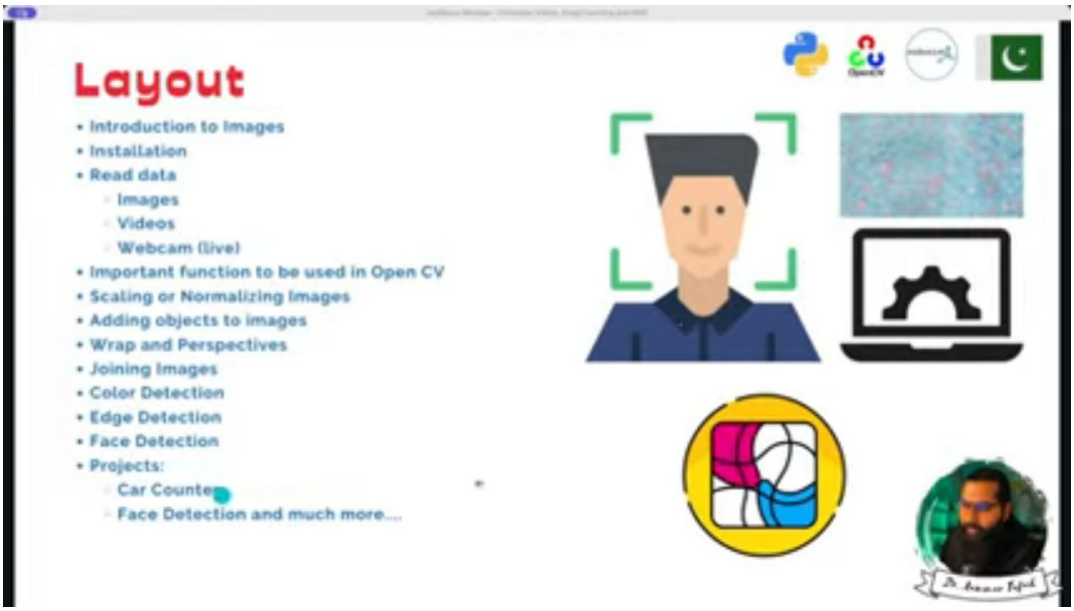
3:28


Our Brain!
Identify these!
How did

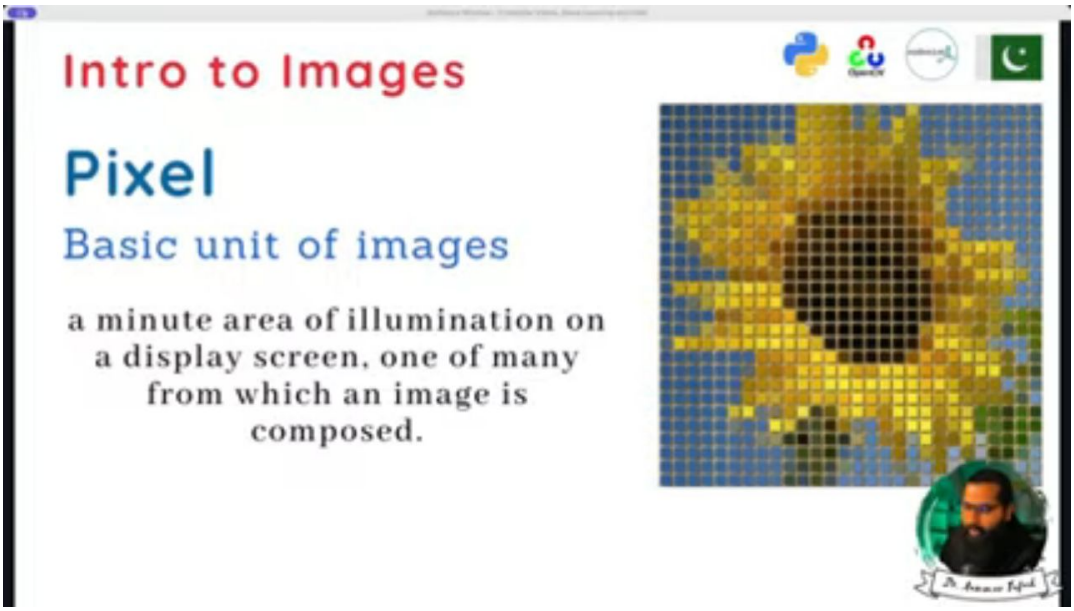
3:51


How computer figures out?
We give alots of Data!
Computer learns the patterns
Classify based on the patters, if that shoe, shirt or handbag...
This section will tell you exactly the same things...

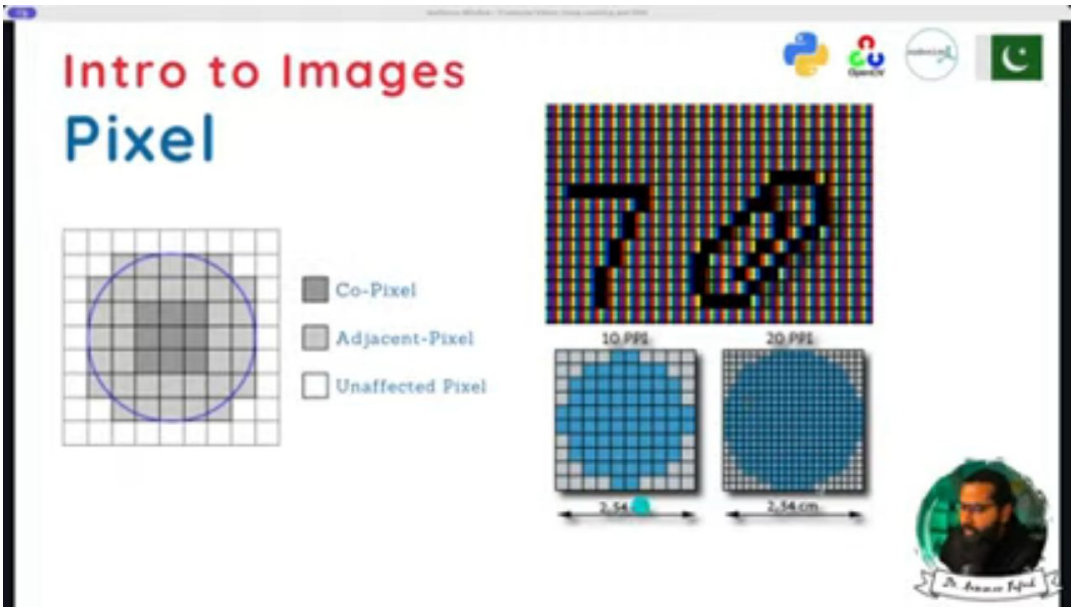
5:27


Layout
• Introduction to Images
• Installation
• Read data
◦ Images
◦ Videos
◦ Webcam (live)
• Important function to be used in Open CV
• Scaling or Normalizing Images
• Adding objects to images
• Wrap and Perspectives
• Joining Images
• Color Detection
• Edge Detection
• Face Detection
• Projects:
◦ Car Counter
◦ Face Detection and much more....

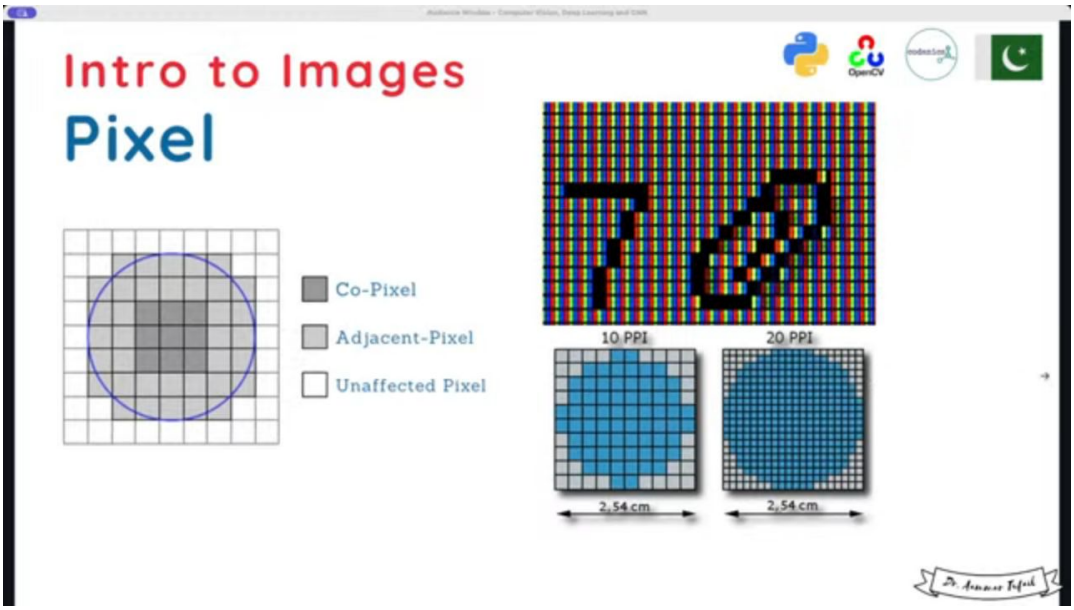
5:43


Intro to Images
Pixel
Basic unit of images
a minute area of illumination on a display screen, one of many from which an image is composed.

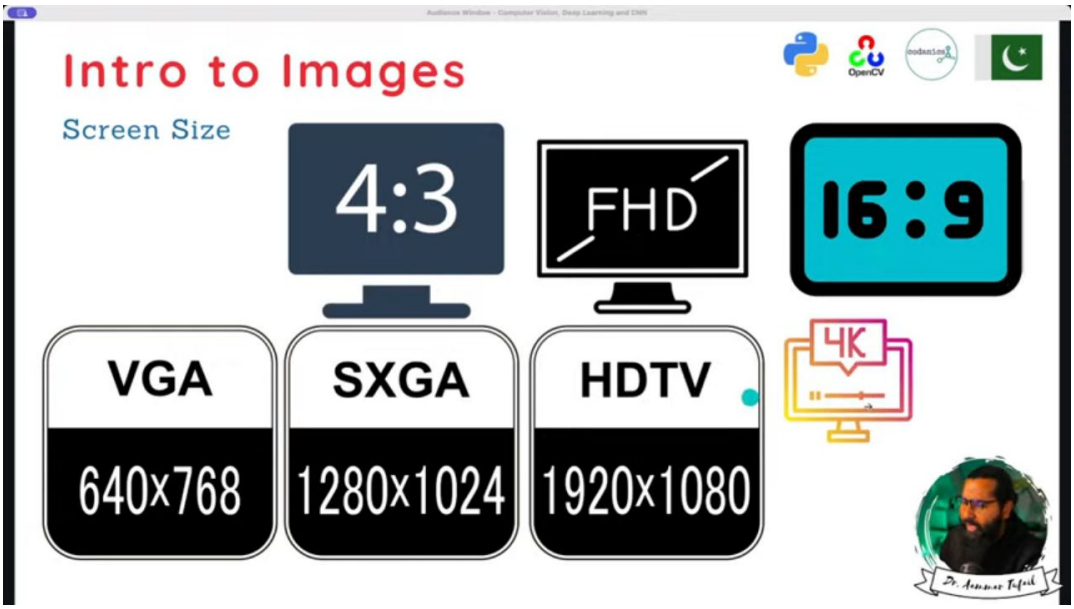
6:34


Intro to Images
Pixel
Co-Pixel
Adjacent-Pixel
Unaffected Pixel
10 PPI
20 PPI
2.54 cm
2.54 cm

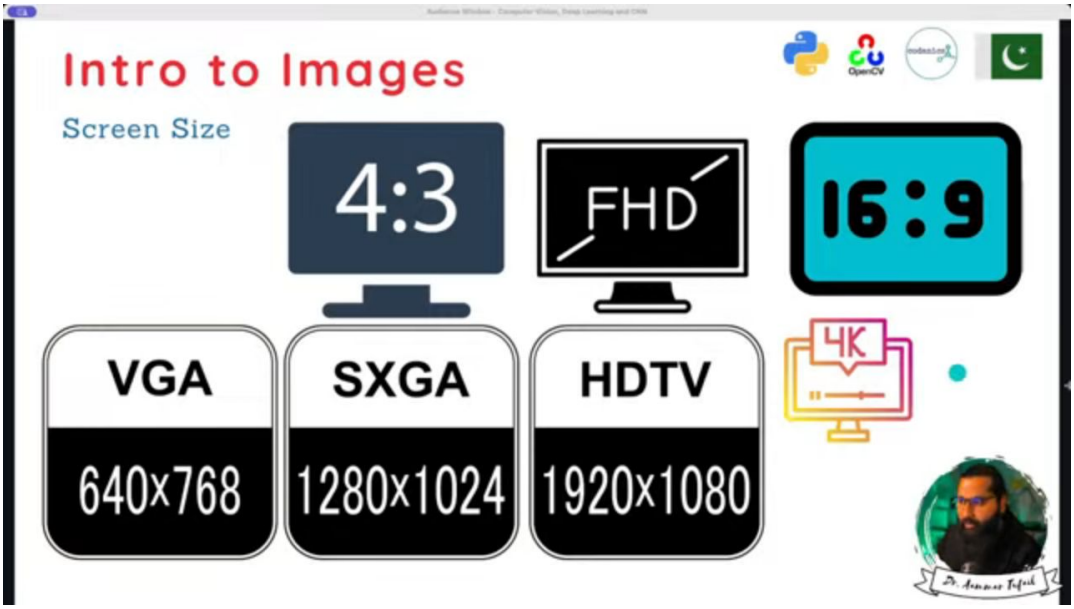
8:26


Intro to Images
Pixel
Co-Pixel
Adjacent-Pixel
Unaffected Pixel
10 PPI
20 PPI
2.54 cm
2.54 cm

9:41


Intro to Images
Screen Size
4:3
FHD
16:9
VGA
640x768
SXGA
1280x1024
HDTV
1920x1080
4K

12:26


Intro to Images
Screen Size
4:3
FHD
16:9
VGA
640x768
SXGA
1280x1024
HDTV
1920x1080
4K

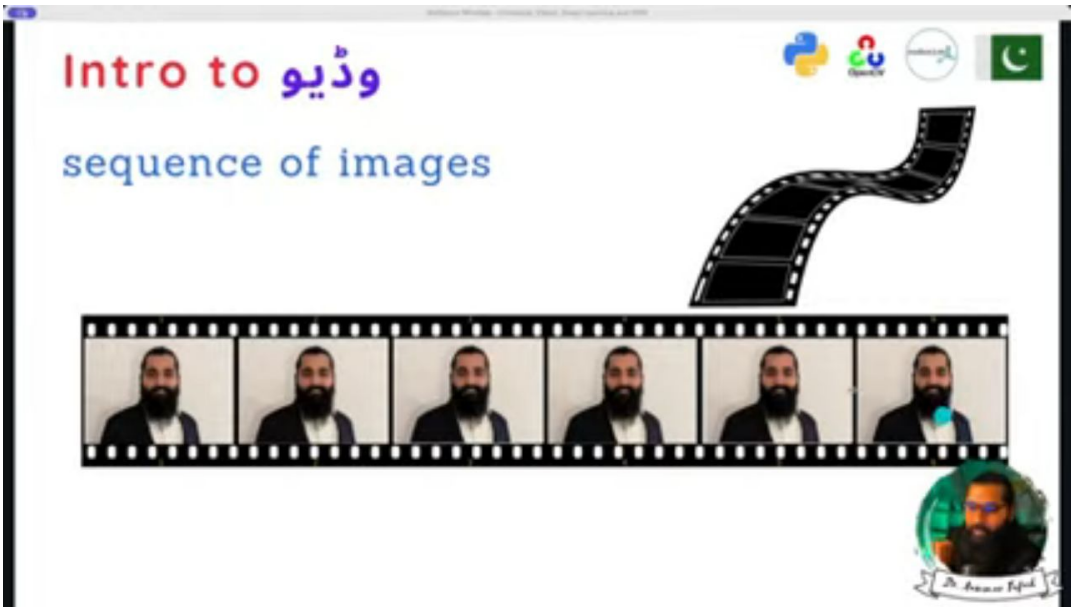
12:39

Intro to Images
Colored Image
بابا جی
RGB
=

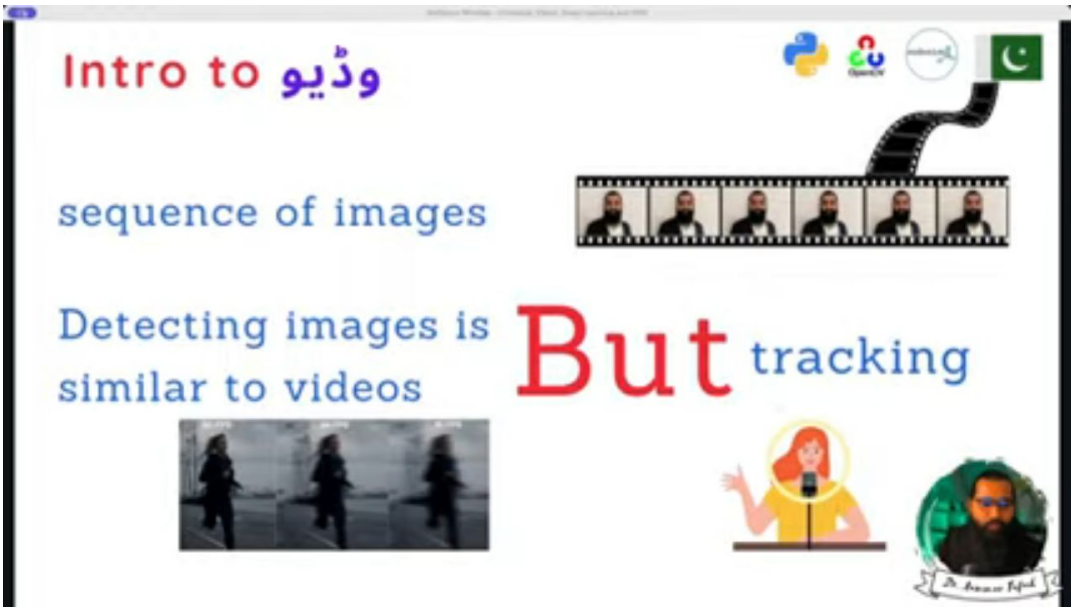
13:37

Intro to Images
3 kinds of images
بابا جی
bitonal
grayscale
RGB
BGR

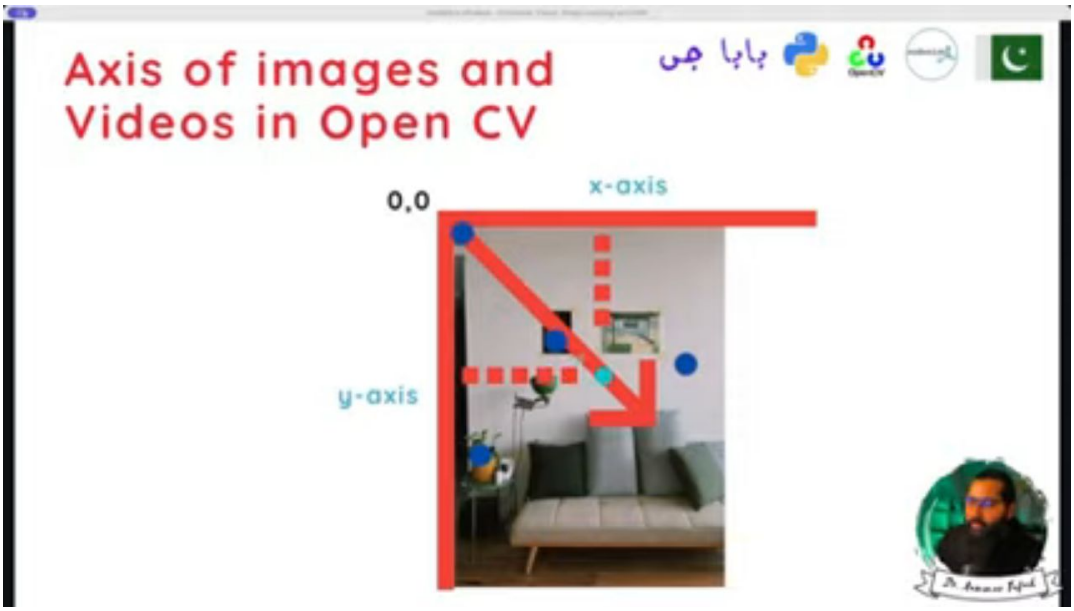
24:23


Intro to وڈیو
sequence of images

26:34


Intro to وڈیو
sequence of images
Detecting images is similar to videos
But tracking

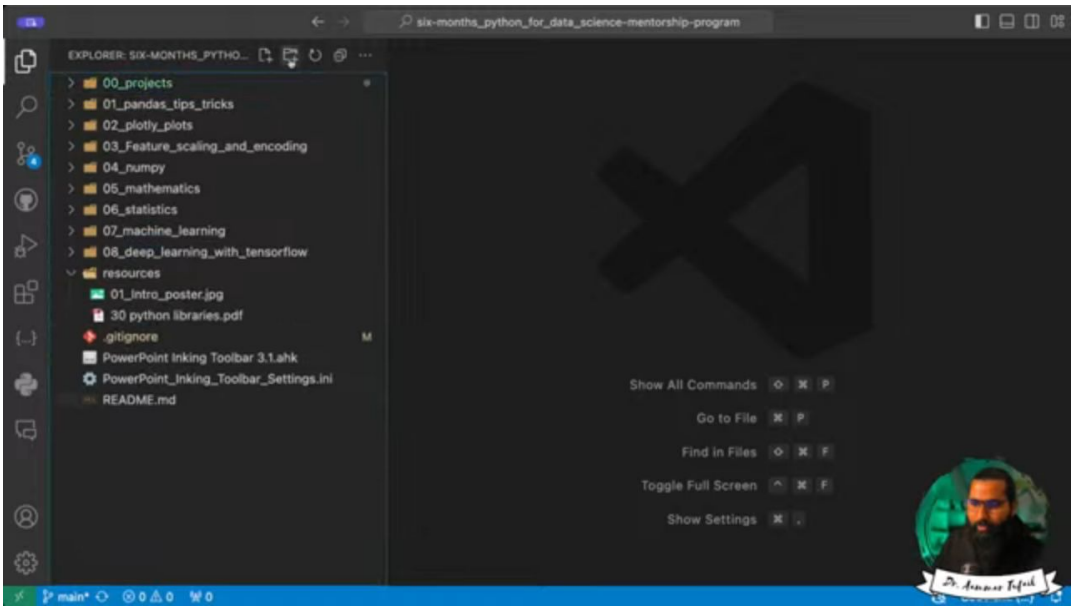
27:57


Axis of images and
Videos in Open CV
بابا جی
0,0
x-axis
y-axis

30:49

بابا جی
Hands on Pratice

31:31


six-months_python_for_data_science-mentorship-program
EXPLORER: SIX-MONTHS_PYTHO...
00_projects
01_pandas_tips_tricks
02_plotly_plots
03_Feature_scaling_and_encoding
04_numpy
05_mathematics
06_statistics
07_machine_learning
08_deep_learning_with_tensorflow
resources
01_Intro_poster.jpg
30 python libraries.pdf
.gitignore
PowerPoint Inking Toolbar 3.1.ahk
PowerPoint_Inking_Toolbar_Settings.ini
README.md
Show All Commands
Go to File
Find in Files
Toggle Full Screen
Show Settings
main*

34:02