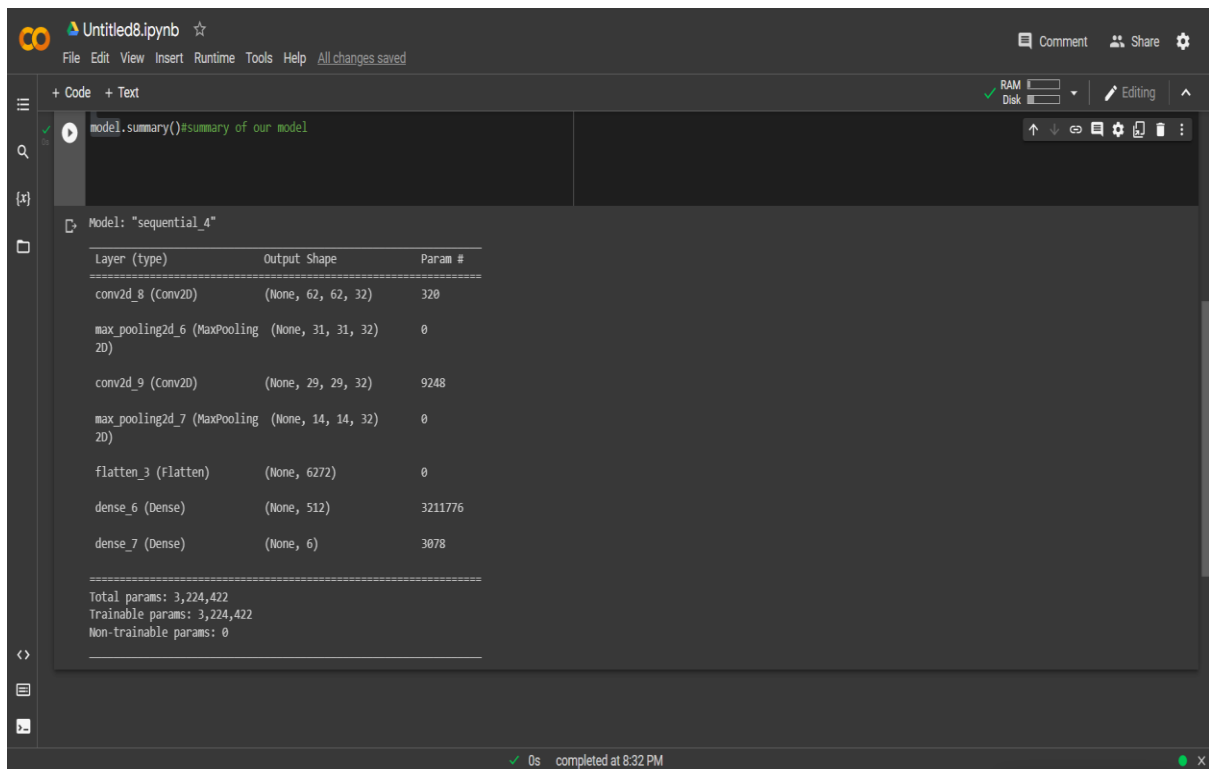


# MODEL BUILDING- ADDING DENSE LAYER

Date	3 November 2022
Team ID	PNT2022TMID29238
Project Name	Project - A Gesture-based Tool for Sterile Browsing of Radiology Images



The screenshot shows a Jupyter Notebook interface with a dark theme. The top bar includes the Jupyter logo, the filename 'Untitled8.ipynb', and a star icon. Below this is a menu bar with 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help'. A status bar indicates 'All changes saved'. The left sidebar contains icons for a table of contents, search, and file explorer. The main area displays a code cell with the command `model.summary()` and a comment `#summary of our model`. Below the code, the output shows the summary for a model named 'sequential\_4'. The summary is presented as a table with three columns: 'Layer (type)', 'Output Shape', and 'Param #'. The layers listed are: conv2d\_8 (Conv2D), max\_pooling2d\_6 (MaxPooling 2D), conv2d\_9 (Conv2D), max\_pooling2d\_7 (MaxPooling 2D), flatten\_3 (Flatten), dense\_6 (Dense), and dense\_7 (Dense). At the bottom of the summary, it states: 'Total params: 3,224,422', 'Trainable params: 3,224,422', and 'Non-trainable params: 0'. The bottom status bar shows a green checkmark, '0s', and 'completed at 8:32 PM'.

```
model.summary()#summary of our model
```

Model: "sequential\_4"

Layer (type)	Output Shape	Param #
conv2d_8 (Conv2D)	(None, 62, 62, 32)	320
max_pooling2d_6 (MaxPooling 2D)	(None, 31, 31, 32)	0
conv2d_9 (Conv2D)	(None, 29, 29, 32)	9248
max_pooling2d_7 (MaxPooling 2D)	(None, 14, 14, 32)	0
flatten_3 (Flatten)	(None, 6272)	0
dense_6 (Dense)	(None, 512)	3211776
dense_7 (Dense)	(None, 6)	3078

=====  
Total params: 3,224,422  
Trainable params: 3,224,422  
Non-trainable params: 0

0s completed at 8:32 PM