**CNN CIFAR-10 TRAINED MODEL**

MODEL.SUMMARY:

Model: "sequential\_1"

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Layer (type) Output Shape Param #

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conv2d\_3 (Conv2D) (None, 30, 30, 64) 1792

max\_pooling2d\_3 (MaxPoolin (None, 15, 15, 64) 0

g2D)

conv2d\_4 (Conv2D) (None, 13, 13, 128) 73856

max\_pooling2d\_4 (MaxPoolin (None, 6, 6, 128) 0

g2D)

conv2d\_5 (Conv2D) (None, 4, 4, 256) 295168

max\_pooling2d\_5 (MaxPoolin (None, 2, 2, 256) 0

g2D)

flatten\_1 (Flatten) (None, 1024) 0

dense\_3 (Dense) (None, 512) 524800

dropout\_2 (Dropout) (None, 512) 0

dense\_4 (Dense) (None, 256) 131328

dropout\_3 (Dropout) (None, 256) 0

dense\_5 (Dense) (None, 10) 2570

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Total params: 1029514 (3.93 MB)

Trainable params: 1029514 (3.93 MB)

Non-trainable params: 0 (0.00 Byte)

A diagram of a flowchart

Description automatically generated

**ANSLYSIS 1:**