input_1	input:	[(None, 28, 28, 1)]
InputLayer	output:	[(None, 28, 28, 1)]

data_augmentation_layer	input:	(None, 28, 28, 1)
DataAugmentationLayer	output:	(None, 28, 28, 1)

conv2d	input:	(None, 28, 28, 1)
Conv2D	output:	(None, 28, 28, 16)

batch_normalization	input:	(None, 28, 28, 16)
BatchNormalization	output:	(None, 28, 28, 16)

conv2d_1	input:	(None, 28, 28, 16)
Conv2D	output:	(None, 28, 28, 16)

batch_normalization_1	input:	(None, 28, 28, 16)
BatchNormalization	output:	(None, 28, 28, 16)

max_pooling2d	input:	(None, 28, 28, 16)
MaxPooling2D	output:	(None, 14, 14, 16)

dropout	input:	(None, 14, 14, 16)
Dropout	output:	(None, 14, 14, 16)

conv2d_2	input:	(None, 14, 14, 16)
Conv2D	output:	(None, 14, 14, 32)

batch_normalization_2	input:	(None, 14, 14, 32)
BatchNormalization	output:	(None, 14, 14, 32)

conv2d_3	input:	(None, 14, 14, 32)
Conv2D	output:	(None, 14, 14, 32)

batch_normalization_3	input:	(None, 14, 14, 32)
BatchNormalization	output:	(None, 14, 14, 32)

max_pooling2d_1	input:	(None, 14, 14, 32)
MaxPooling2D	output:	(None, 7, 7, 32)

dropout_1	input:	(None, 7, 7, 32)
Dropout	output:	(None, 7, 7, 32)

conv2d_4	input:	(None, 7, 7, 32)
Conv2D	output:	(None, 7, 7, 64)

batch_normalization_4	input:	(None, 7, 7, 64)
BatchNormalization	output:	(None, 7, 7, 64)

conv2d_5	input:	(None, 7, 7, 64)
Conv2D	output:	(None, 7, 7, 64)

batch_normalization_5	input:	(None, 7, 7, 64)
BatchNormalization	output:	(None, 7, 7, 64)

max_pooling2d_2	input:	(None, 7, 7, 64)
MaxPooling2D	output:	(None, 3, 3, 64)

dropout_2	input:	(None, 3, 3, 64)
Dropout	output:	(None, 3, 3, 64)

flatten	input:	(None, 3, 3, 64)
Flatten	output:	(None, 576)

dense	input:	(None, 576)
Dense	output:	(None, 64)

batch_normalization_6	input:	(None, 64)
BatchNormalization	output:	(None, 64)

dropout_3	input:	(None, 64)
Dropout	output:	(None, 64)

dense_1	input:	(None, 64)
Dense	output:	(None, 10)