

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, 32)



batch_normalization_4	input:	(None, 7, 7, 32)
BatchNormalization	output:	(None, 7, 7, 32)



conv2d_5	input:	(None, 7, 7, 32)
Conv2D	output:	(None, 7, 7, 32)



batch_normalization_5	input:	(None, 7, 7, 32)
BatchNormalization	output:	(None, 7, 7, 32)



max_pooling2d_2	input:	(None, 7, 7, 32)
MaxPooling2D	output:	(None, 3, 3, 32)



dropout_2	input:	(None, 3, 3, 32)
Dropout	output:	(None, 3, 3, 32)



conv2d_6	input:	(None, 3, 3, 32)
Conv2D	output:	(None, 3, 3, 32)



batch_normalization_6	input:	(None, 3, 3, 32)
BatchNormalization	output:	(None, 3, 3, 32)



conv2d_7	input:	(None, 3, 3, 32)
Conv2D	output:	(None, 3, 3, 32)



batch_normalization_7	input:	(None, 3, 3, 32)
BatchNormalization	output:	(None, 3, 3, 32)



max_pooling2d_3	input:	(None, 3, 3, 32)
MaxPooling2D	output:	(None, 1, 1, 32)



dropout_3	input:	(None, 1, 1, 32)
Dropout	output:	(None, 1, 1, 32)



flatten	input:	(None, 1, 1, 32)
Flatten	output:	(None, 32)



dense	input:	(None, 32)
Dense	output:	(None, 64)



batch_normalization_8	input:	(None, 64)
BatchNormalization	output:	(None, 64)



dropout_4	input:	(None, 64)
Dropout	output:	(None, 64)



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