

2D Convolutional (filters=64, kernel_size=3, activation="relu", padding="same")
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2D Convolutional (filters=64, kernel_size=3, activation="relu", padding="same")
Max Pooling (pool_size=(2, 2), strides=(2, 2))
2D Convolutional (filters=128, kernel_size=3, activation="relu", padding="same")
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2D Convolutional (filters=128, kernel_size=3, activation="relu", padding="same")
Max Pooling (pool_size=(2, 2), strides=(2, 2))
2D Convolutional (filters=256, kernel_size=3, activation="relu", padding="same")
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2D Convolutional (filters=256, kernel_size=3, activation="relu", padding="same")
Max Pooling (pool_size=(2, 2), strides=(2, 2))
2D Convolutional (filters=512, kernel_size=3, activation="relu", padding="same")
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2D Convolutional (filters=512, kernel_size=3, activation="relu", padding="same")
Max Pooling (pool_size=(2, 2), strides=(2, 2))
Dense (1024, activation="relu")
Dropout(0.5)
Dense (512, activation="relu")
Dropout(0.5)
Dense (1, activation=None)