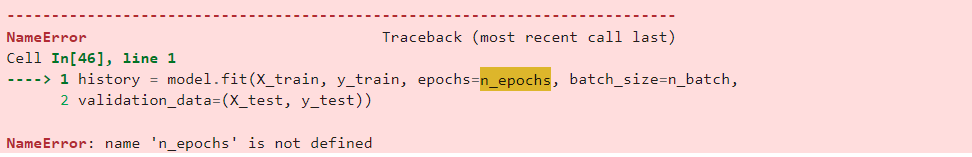
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**---------------------------------------------------------------------------**

**ValueError** Traceback (most recent call last)

Cell **In[44], line 1**

**----> 1** model.add(Dense(1))

File **~\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12\_qbz5n2kfra8p0\LocalCache\local-packages\Python312\site-packages\keras\src\models\sequential.py:121**, in Sequential.add**(self, layer, rebuild)**

119 self.\_layers.append(layer)

120 **if** rebuild:

**--> 121** self.\_maybe\_rebuild()

122 **else**:

123 self.built = **False**

File **~\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12\_qbz5n2kfra8p0\LocalCache\local-packages\Python312\site-packages\keras\src\models\sequential.py:140**, in Sequential.\_maybe\_rebuild**(self)**

138 **if** isinstance(self.\_layers[0], InputLayer) **and** len(self.\_layers) > 1:

139 input\_shape = self.\_layers[0].batch\_shape

**--> 140** self.build(input\_shape)

141 **elif** hasattr(self.\_layers[0], "input\_shape") **and** len(self.\_layers) > 1:

142 # We can build the Sequential model if the first layer has the

143 # `input\_shape` property. This is most commonly found in Functional

144 # model.

145 input\_shape = self.\_layers[0].input\_shape

File **~\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12\_qbz5n2kfra8p0\LocalCache\local-packages\Python312\site-packages\keras\src\layers\layer.py:226**, in Layer.\_\_new\_\_.<locals>.build\_wrapper**(\*args, \*\*kwargs)**

224 **with** obj.\_open\_name\_scope():

225 obj.\_path = current\_path()

**--> 226** original\_build\_method(\*args, \*\*kwargs)

227 # Record build config.

228 signature = inspect.signature(original\_build\_method)

File **~\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12\_qbz5n2kfra8p0\LocalCache\local-packages\Python312\site-packages\keras\src\models\sequential.py:186**, in Sequential.build**(self, input\_shape)**

184 **for** layer **in** self.\_layers[1:]:

185 **try**:

**--> 186** x = layer(x)

187 **except** **NotImplementedError**:

188 # Can happen if shape inference is not implemented.

189 # TODO: consider reverting inbound nodes on layers processed.

190 **return**

File **~\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12\_qbz5n2kfra8p0\LocalCache\local-packages\Python312\site-packages\keras\src\utils\traceback\_utils.py:122**, in filter\_traceback.<locals>.error\_handler**(\*args, \*\*kwargs)**

119 filtered\_tb = \_process\_traceback\_frames(e.\_\_traceback\_\_)

120 # To get the full stack trace, call:

121 # `keras.config.disable\_traceback\_filtering()`

**--> 122** **raise** e.with\_traceback(filtered\_tb) **from** **None**

123 **finally**:

124 **del** filtered\_tb

File **~\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.12\_qbz5n2kfra8p0\LocalCache\local-packages\Python312\site-packages\keras\src\layers\input\_spec.py:186**, in assert\_input\_compatibility**(input\_spec, inputs, layer\_name)**

184 **if** spec.ndim **is** **not** **None** **and** **not** spec.allow\_last\_axis\_squeeze:

185 **if** ndim != spec.ndim:

**--> 186** **raise** **ValueError**(

187 f'Input **{**input\_index**}** of layer "**{**layer\_name**}**" '

188 "is incompatible with the layer: "

189 f"expected ndim=**{**spec.ndim**}**, found ndim=**{**ndim**}**. "

190 f"Full shape received: **{**shape**}**"

191 )

192 **if** spec.max\_ndim **is** **not** **None**:

193 **if** ndim **is** **not** **None** **and** ndim > spec.max\_ndim:

**ValueError**: Input 0 of layer "lstm\_1" is incompatible with the layer: expected ndim=3, found ndim=2. Full shape received: (None, 50)

**---------------------------------------------------------------------------**

**NameError** Traceback (most recent call last)

Cell **In[46], line 1**

**----> 1** history = model.fit(X\_train, y\_train, epochs=n\_epochs, batch\_size=n\_batch,

2 validation\_data=(X\_test, y\_test))

**NameError**: name 'n\_epochs' is not defined

**---------------------------------------------------------------------------**

**NameError** Traceback (most recent call last)

Cell **In[47], line 1**

**----> 1** prediction = model.predict(X\_test)

**NameError**: name 'X\_test' is not defined