



[RepeatVector layer](#)
[RepeatVector class](#)

» [Keras API reference](#) / [Layers API](#) / [Reshaping layers](#) / RepeatVector layer

RepeatVector layer

RepeatVector class [\[source\]](#)

```
tf.keras.layers.RepeatVector(n, **kwargs)
```

Repeats the input n times.

Example

```
model = Sequential()
model.add(Dense(32, input_dim=32))
# now: model.output_shape == (None, 32)
# note: `None` is the batch dimension

model.add(RepeatVector(3))
# now: model.output_shape == (None, 3, 32)
```

Arguments

- n**: Integer, repetition factor.

Input shape 2D tensor of shape `(num_samples, features)`

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Output shape 3D tensor of shape `(num_samples, n, features)`.