

! Try again once you are ready
TO PASS 80% or higher

nigher

Try again

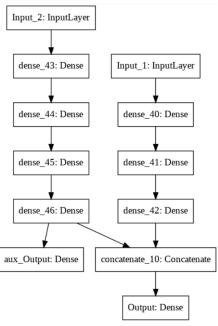
GRADE 63.33%

Custom Models

LATEST SUBMISSION GRADE 63.33%

Following is an example of a deep and wide network structure.

0 / 1 point



O False



Incorrect

Incorrect! You can see both input paths go through deep learning with multiple layers of neurons.

2. Consider the following code and check all that are true:

0.75 / 1 point

```
class MyModel(Model):
    def __init__(self, units=30, activation='relu', **kwargs):
        super()._init__(**kwargs)
    self.hidden1 = Dense(units, activation=activation)
    self.hidden2 = Dense(units, activation=activation)
    self.main_output = Dense(1)
    self.aux_output = Dense(1)

def call(self, inputs):
    input_A, input_B = inputs
    hidden1 = self.hidden1(input_B)
    hidden2 = self.hidden2(hidden1)
    concat = concatenate([input_A, hidden2])
    main_output = self.main_output(concat)
    aux_output = self.aux_output(hidden2)
    return main_output, aux_output
```

The init function initializes the MyModel Class objects, as well as the attributes that are inherited from the Model Class.

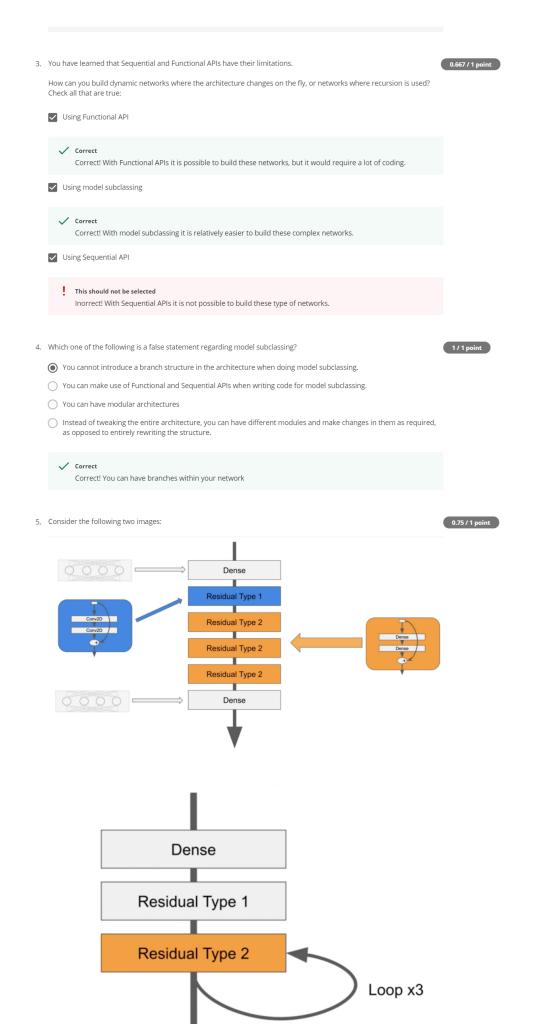
```
✓ Correct
Correct!
```

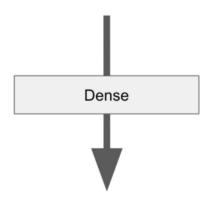
☐ The output layers cannot give more than 1 result each.

The concat should be defined within the init function instead of the call function as it is also a hidden layer.

☐ The code is incomplete in the sense that you can only initialize and construct your model, you cannot perform training or inference.

You didn't select all the correct answers





Check all that are true:

Z Each Residual block has two hidden layers and one add layer in it.

