model = Sequential([

Dense(units=25, activation="sigmoid"),

Dense(units=15, activation="sigmoid"),

Dense(units=10, activation="sigmoid"),

Dense(units=1, activation="sigmoid")])

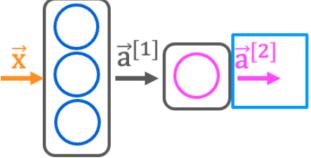
This code will define a neural network with how many layers?

- O 25
- O 3
- O 5
- 4



Yes! Each call to the "Dense" function defines a layer of the neural network.

2. 1/1 point



How do you define the second layer of a neural network that has 4 neurons and a sigmoid activation?

- Dense(units=4, activation='sigmoid')
- O Dense(layer=2, units=4, activation = 'sigmoid')
- O Dense(units=4)
- Dense(units=[4], activation=['sigmoid'])

⊘ Correct

Yes! This will have 4 neurons and a sigmoid activation.

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	Г	eature v	rectors			
temperature	duration	Good coffee?	x = np.array([[200.0, 17.0]]			
(Celsius)	(minutes)	(1/0)	[[200.0, 17.0]]			
200.0	17.0	1				
425.0	18.5	0				

If the input features are temperature (in Celsius) and duration (in minutes), how do you write the code for the first feature vector x shown above?

x = np.array([[200.0],[17.0]])

x = np.array([['200.0', '17.0']])

x = np.array([[200.0 + 17.0]])

x = np.array([[200.0, 17.0]])

⊘ Correct

Yes! A row contains all the features of a training example. Each column is a feature.