**Module 7**

1. If I have a dataset which has images of dogs and cats of size 28x28. I need to predict output image as a dog or a cat. Fill out the parameters that is used to build a simple ANN model

Input layer should have \_\_\_\_\_ number of neurons

Output layer should have \_\_\_\_\_ number of neurons

\_\_\_\_ activation function is used in the output layer

\_\_\_\_ will be the loss function

SOL:

**Input layer should have \_\_\_\_\_ number of neurons:** 28x28

**Output layer should have \_\_\_\_\_ number of neurons:** 1

**\_\_\_\_ activation function is used in the output layer:** Sigmoid

**\_\_\_\_ will be the loss function:** Binary cross entropy