

Google-DGC METU

Neural Networks

Presented by AI/ML Team



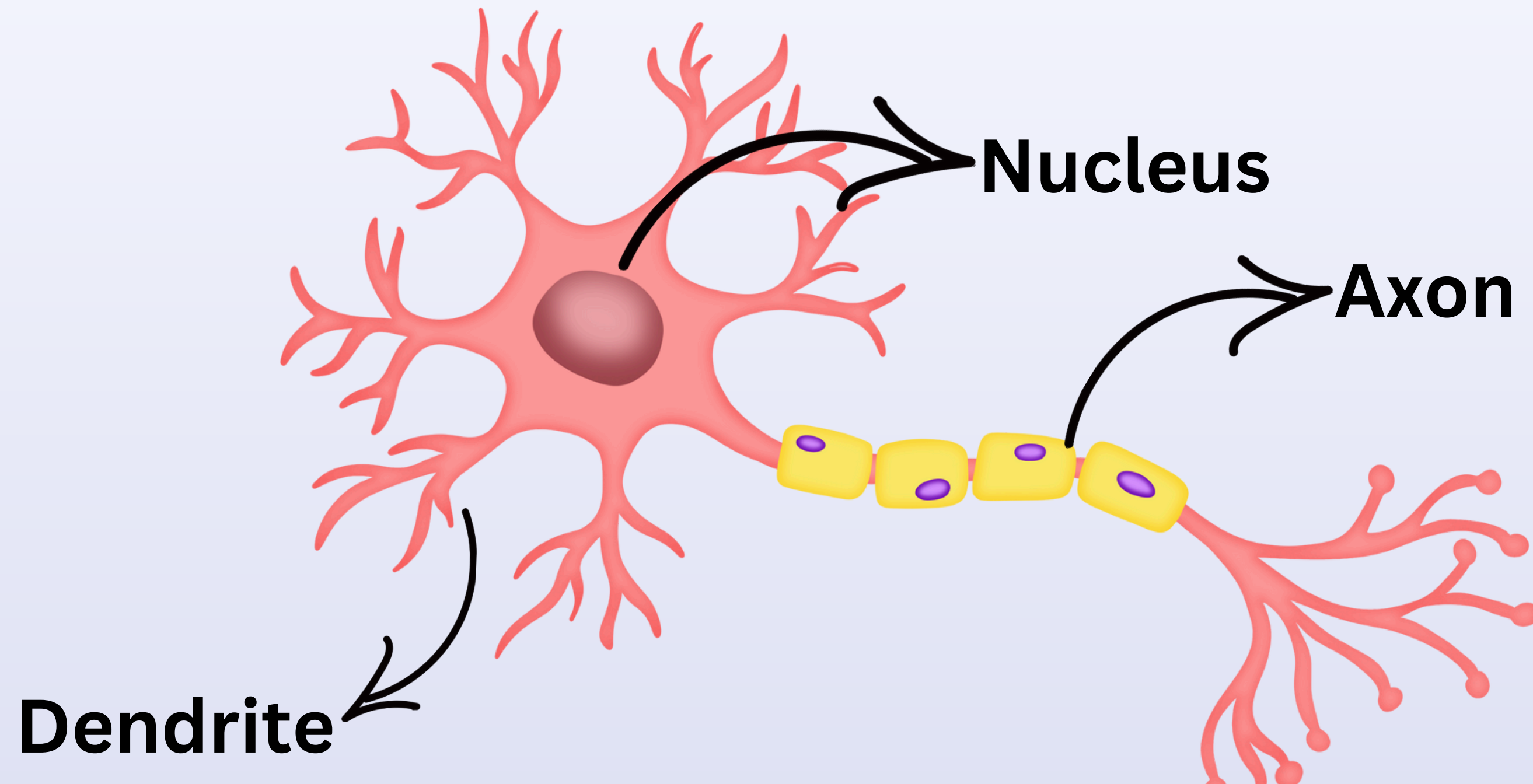
Week-3

- Artificial neurons
- Neural networks
- TensorFlow Implementation

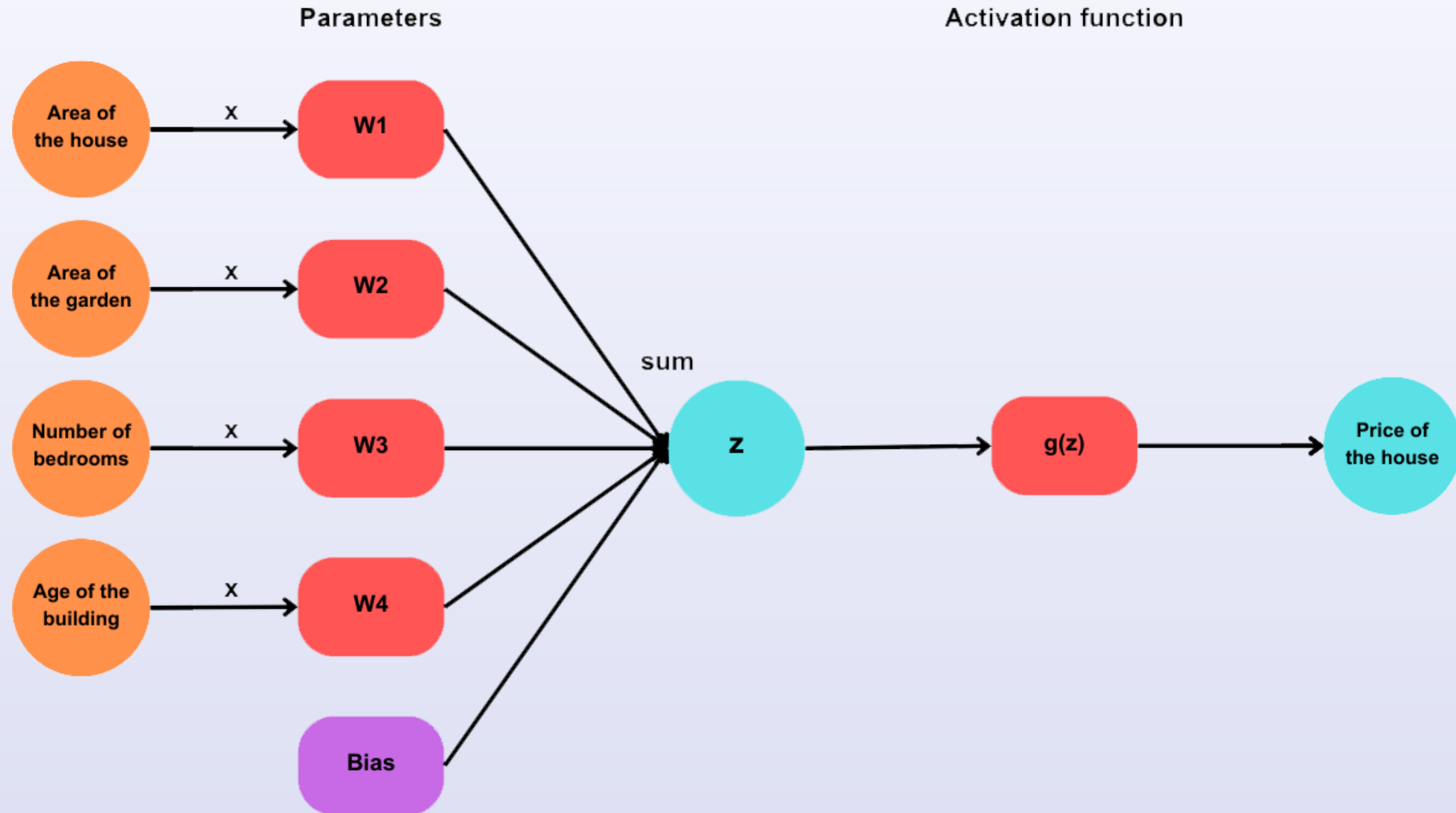
Artificial Neurons



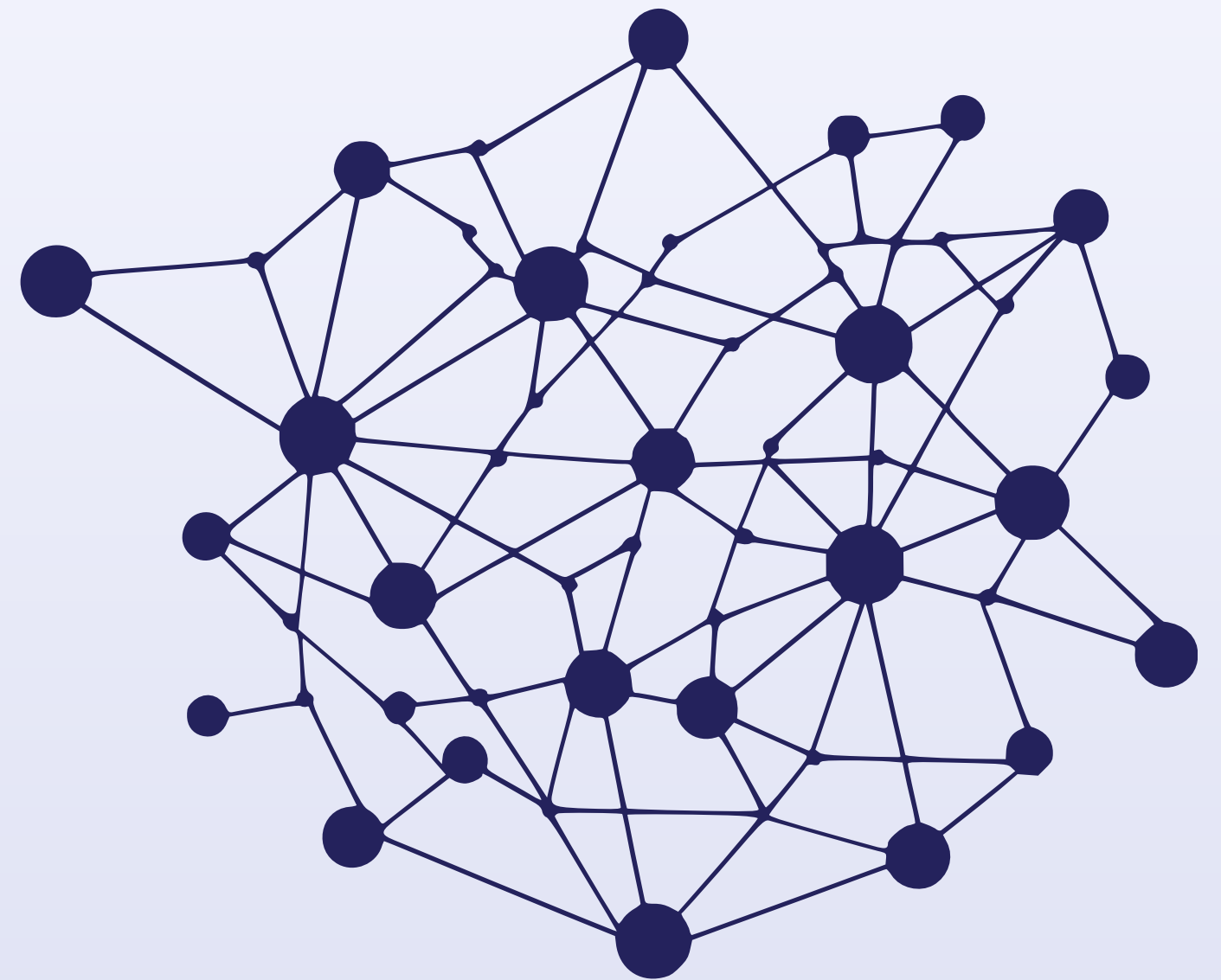
What is Neuron?



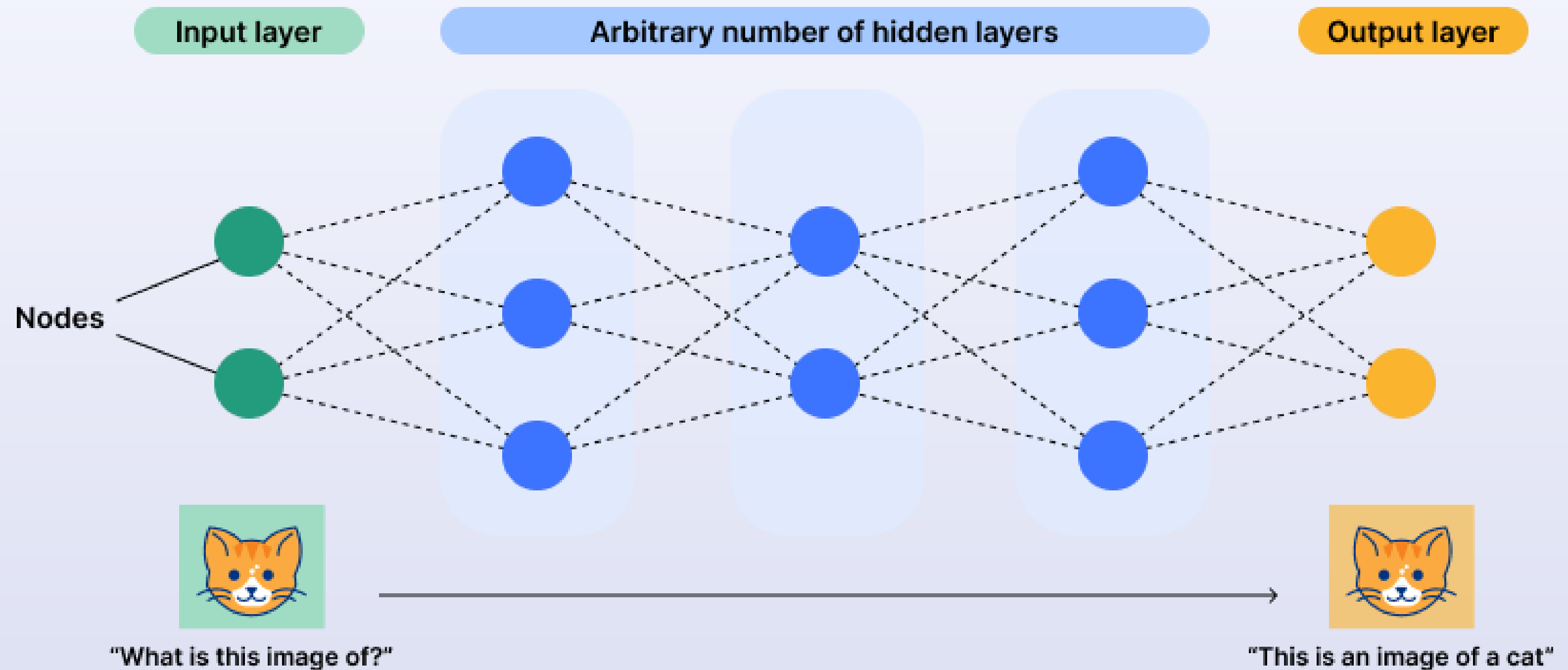
Artificial Neuron Structure



Neural Networks



Neural Networks



TensorFlow Implementation



Essential Steps

- **Import libraries**
- **Prepare data**
- **Define and compile the model**
- **Train the model**
- **Evaluate the model**
- **Save the model**
- **Load the model (optional)**



