



OVERVIEW

Deep Learning Pre-Work

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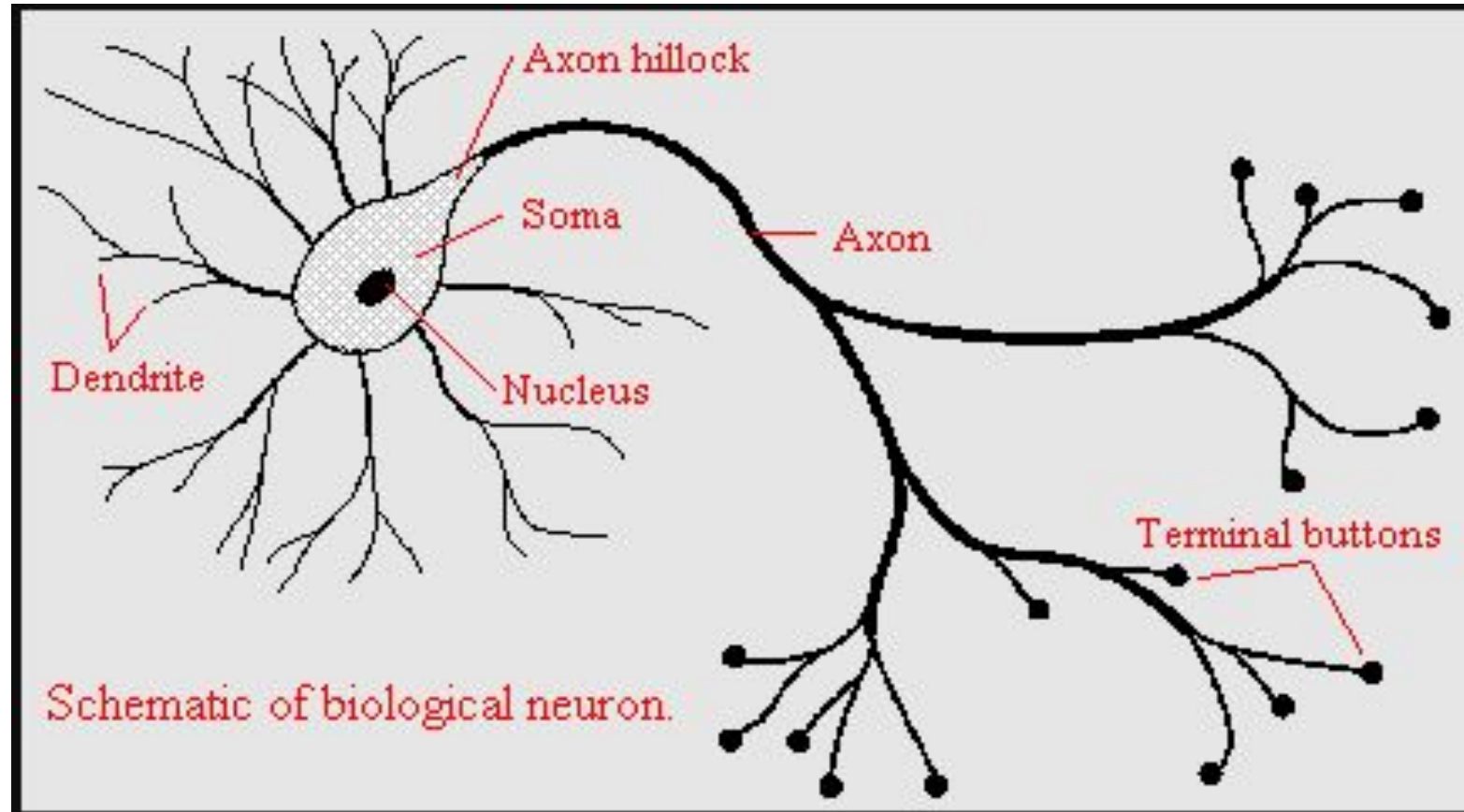
Agenda

- Introduction
- Use Cases
- Pre-work Overview

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The Biological Neuron



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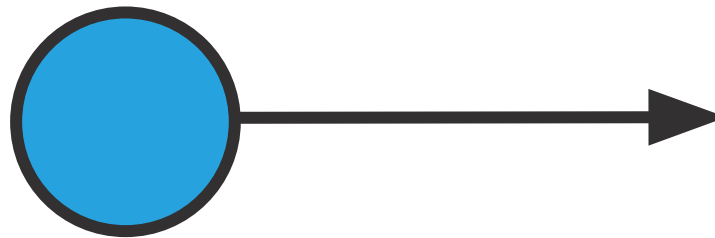
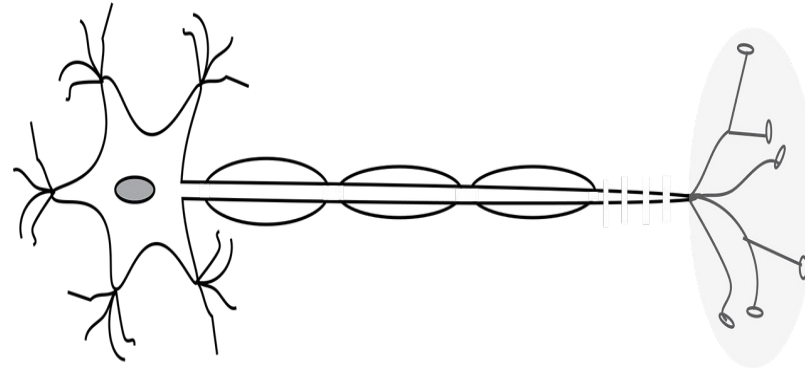
The Human Brain



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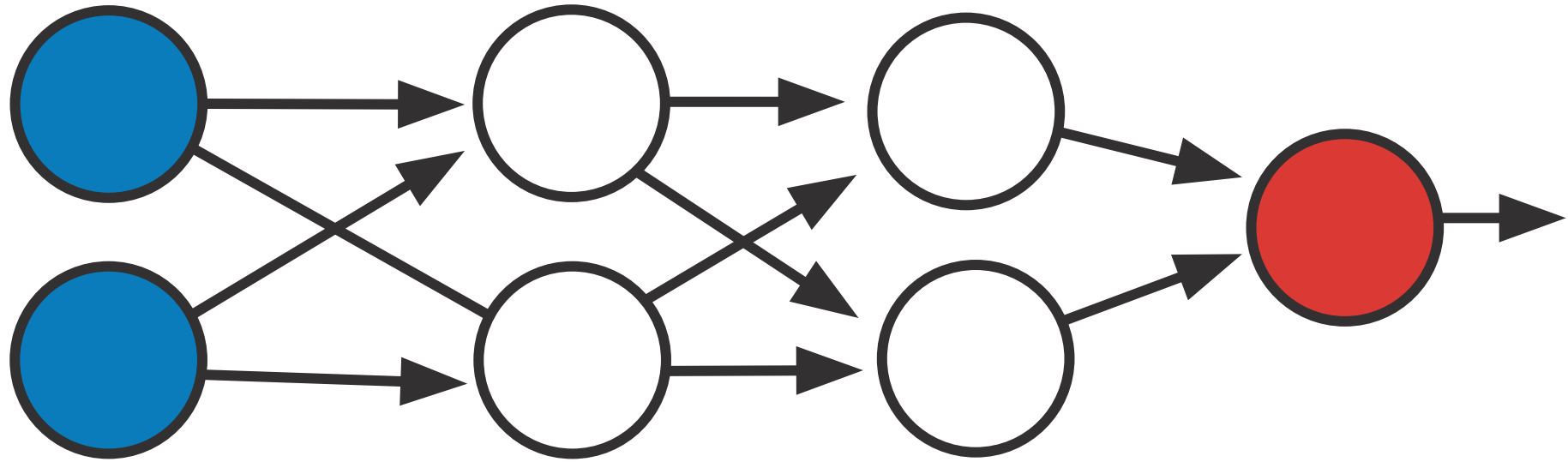
Biological vs Artificial Neurons



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Deep Learning



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Use Cases

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Sephora

SEPHORA



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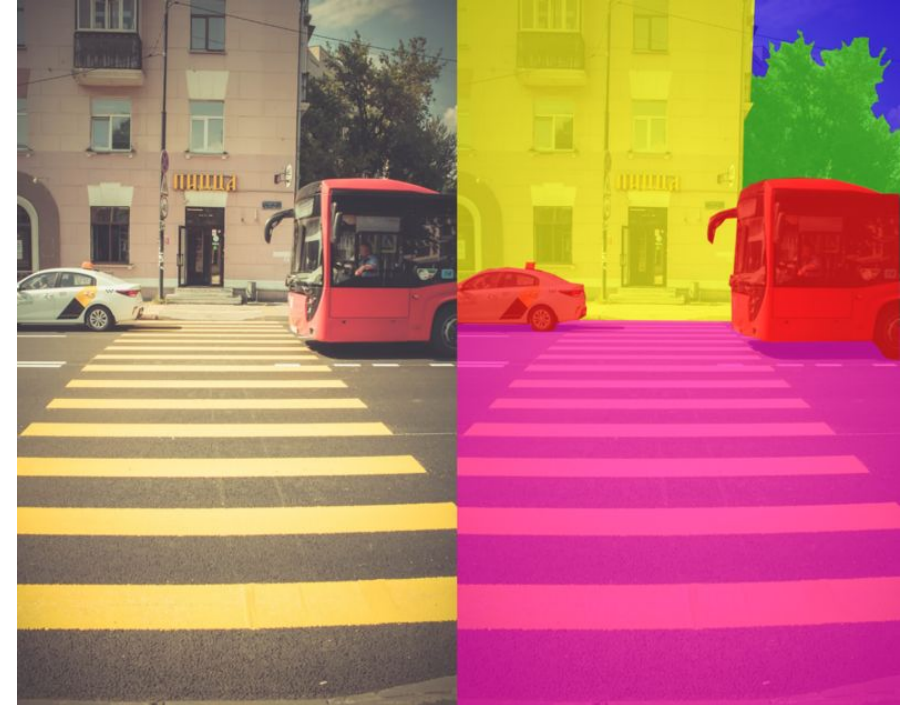
Google DeepMind



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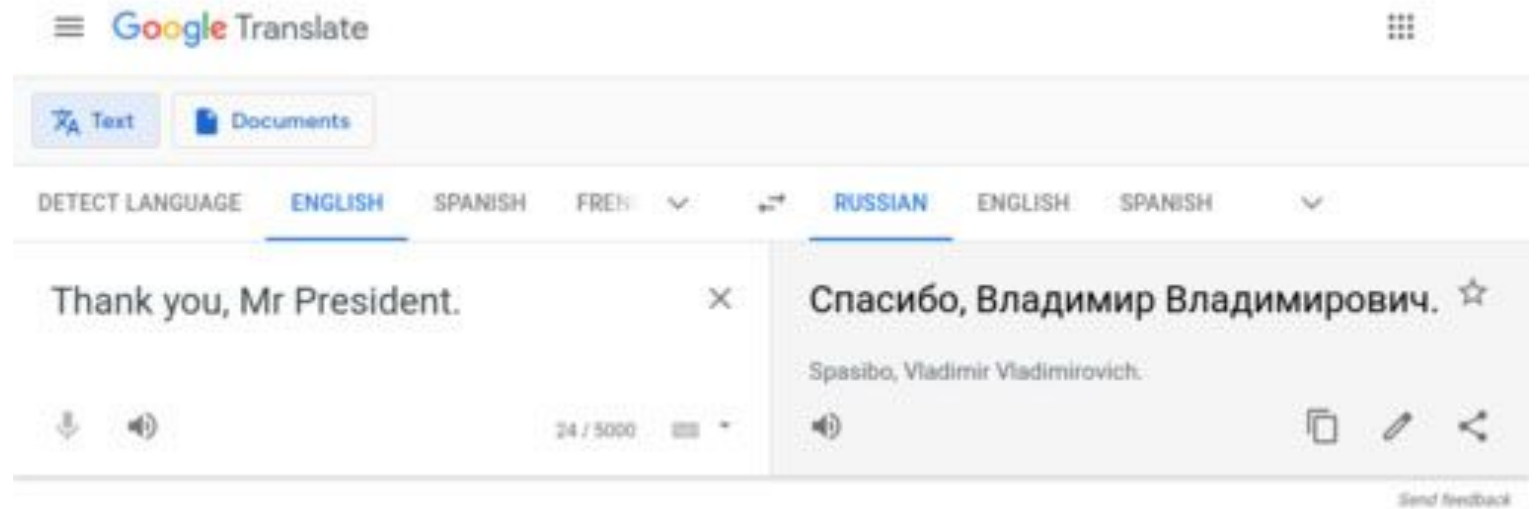


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Google Translate



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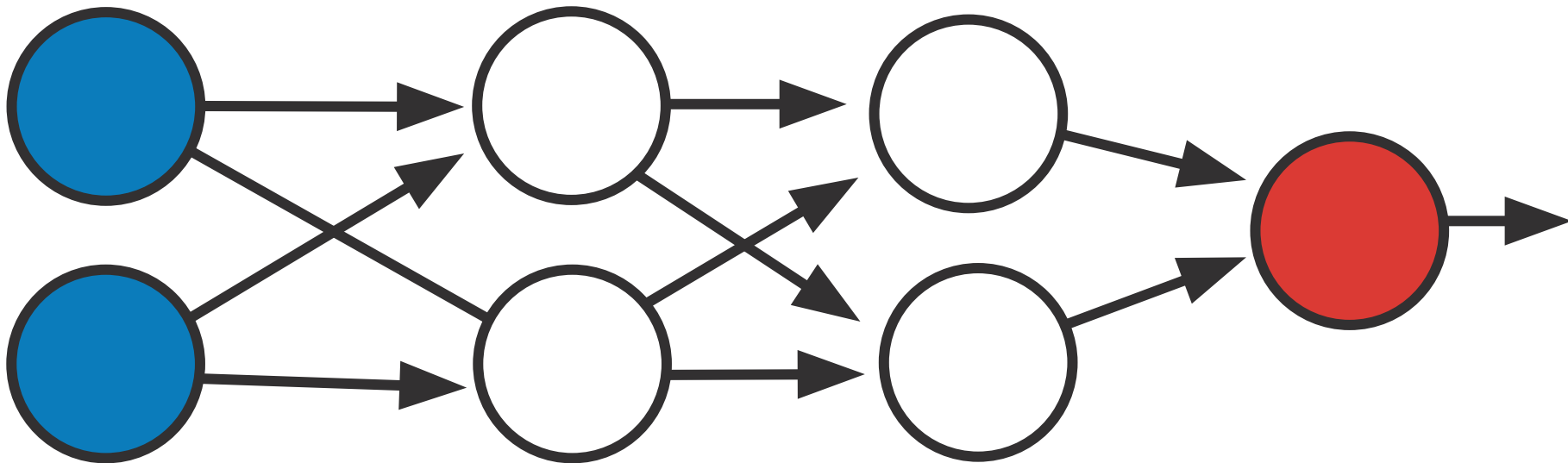
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Pre-work Overview

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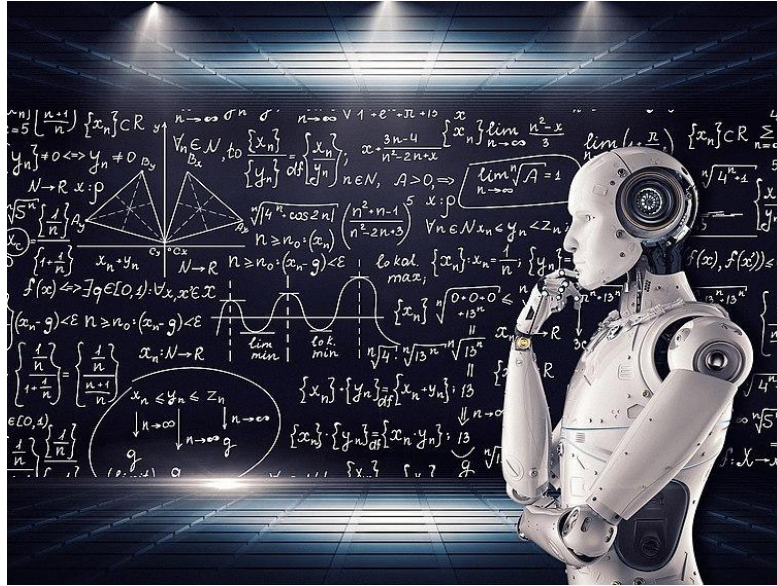
Neurons and Layers



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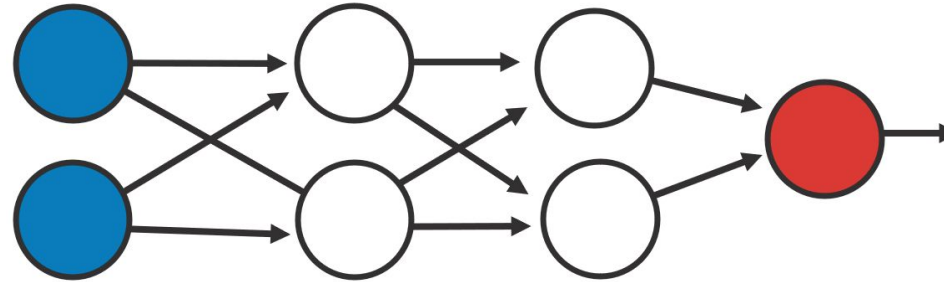
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Machine Learning



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Hyperparameter Selection



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What part of the architecture machine learning learns, and what hyperparameters can be controlled

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Math



Code



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