Backpropagation + Assignments 4, 5

(Neural Networks Implementation and Application Tutorial)

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Overview

- Assignment 4
- Backpropagation
- Assignment 5

Assignment 4

- Who wants to present their solution?
- Any questions?

Backpropagation

Questions 🧐

- What is the computation graph?
- What key property must this graph satisfy?
    - Can it be used for optimization?
- What is the *forward pass*?
- What is the *backward pass*?
    - Why do we do it?

Go through the example in **awesome Stanford slides on backpropagation** (slides 42-83)

Assignment 5

Any questions?

Resources

- Awesome Stanford slides on backpropagation
  cs231n.stanford.edu/slides/2019/cs231n_2019_lecture04.pdf
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