

Forward & Backward Propagation

Assignment Questions



- Q1. What is the purpose of forward propagation in a neural network?
- Q2. How is forward propagation implemented mathematically in a single-layer feedforward neural network?
- Q3. How are activation functions used during forward propagation?
- Q4. What is the role of weights and biases in forward propagation?
- Q5. What is the purpose of applying a softmax function in the output layer during forward propagation?
- Q6. What is the purpose of backward propagation in a neural network?
- Q7. How is backward propagation mathematically calculated in a single-layer feedforward neural network?
- Q8. Can you explain the concept of the chain rule and its application in backward propagation?
- Q9. What are some common challenges or issues that can occur during backward propagation, and how can they be addressed?

Note: Create your assignment in Jupyter notebook and upload it to GitHub & share that uploaded assignment file link through your dashboard. Make sure the repository is public.