

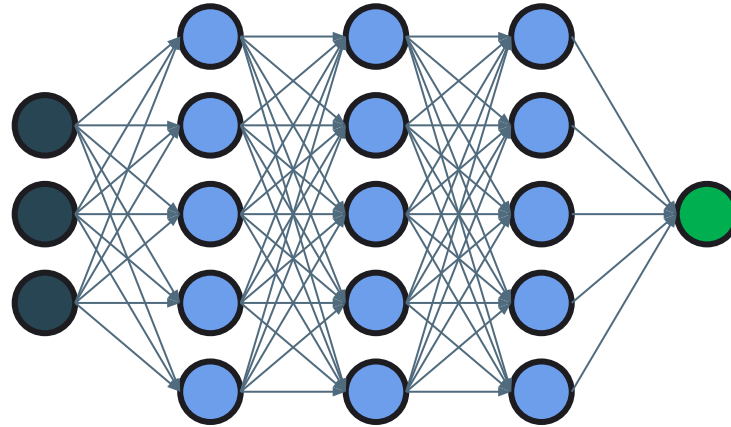
The background is a solid dark blue color. It is decorated with several abstract geometric shapes. In the top left, there is a brown-to-orange gradient rectangle. Scattered across the top are several dark blue and teal hexagons and triangles. On the right side, there is a blue-to-purple gradient rectangle. The text is centered in the lower half of the image.

Assignment: Implementing Backpropagation

Assignment

In this assignment, you have to do the following:

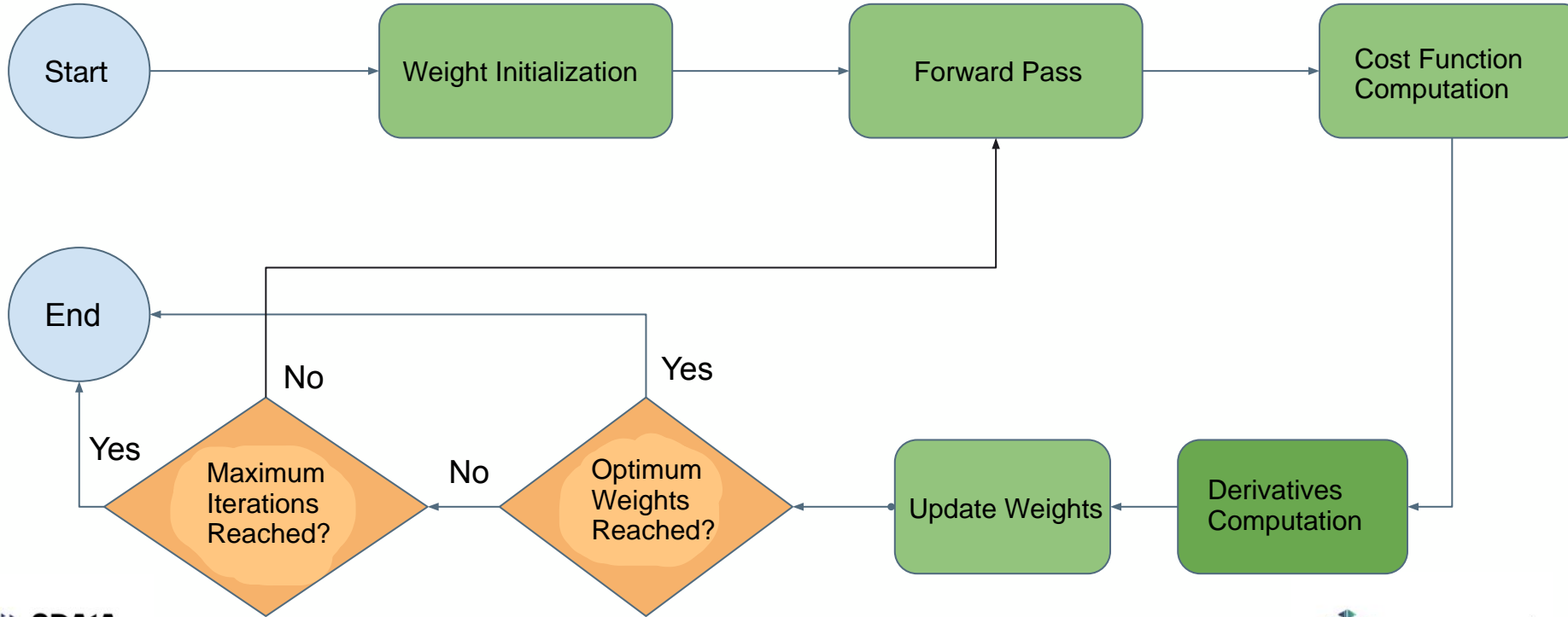
1. Fill in the chart represented in the next slide
2. Order the steps listed in slide 5 to complete the backpropagation of a neural network



Part 1: Filling the chart

- In the next slide you need to fill in the green text boxes with the appropriate step of the process of training a neural network.
- You also need to replace stopping criteria 1 and 2 with two suitable criteria.

Assignment



Part 2: Order the following steps to train a neural network

1. Repeat (Iterate)
 2. Calculate Loss
 3. Forward Pass
 4. Weight and Bias Update
 5. Model Evaluation
 6. Stop Condition
 7. Backward Pass - Gradient Computation
1. Forward Pass
 2. Calculate Loss
 3. Backward Pass - Gradient Computation
 4. Weight and Bias Update
 5. Repeat (Iterate)
 6. Stop Condition
 7. Model Evaluation