

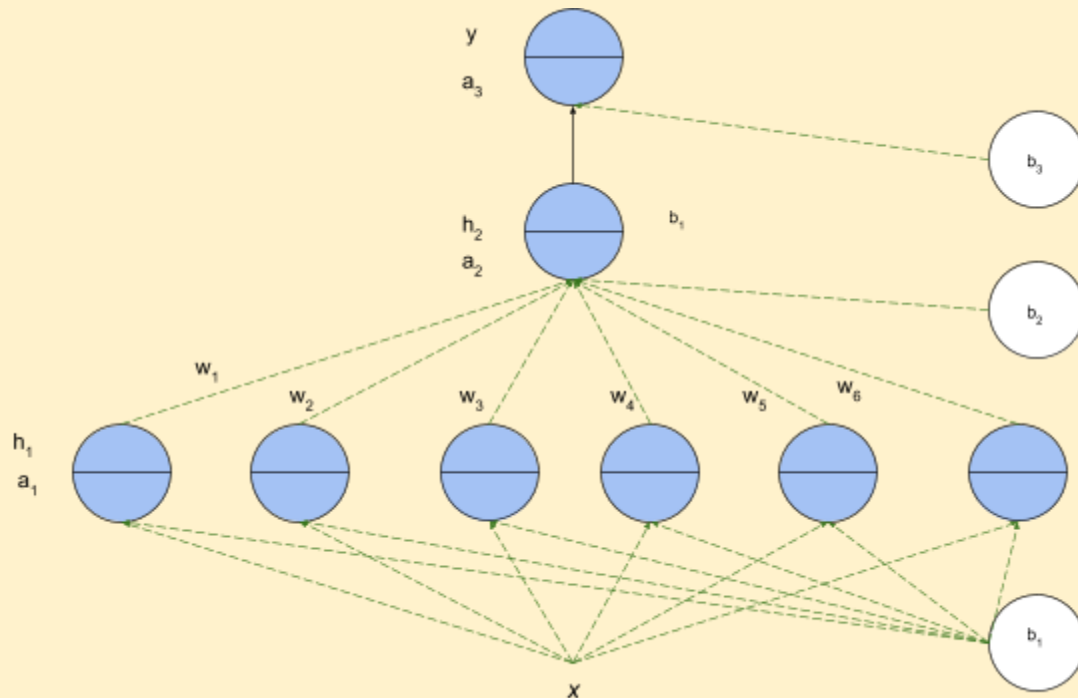
PadhAI: Backpropagation - the light math version

One Fourth Labs

Takeaways and what next?

What have we learned so far and what more do we need to learn?

1. For calculating w_{132} , the paths are almost identical to w_{131} except for the last step
2. This is applicable for the weights w_{133} and w_{134} as well
3. In the next slot (math-heavy), we will learn how to re-use a lot of the computations when calculating new weights.



4. No matter how complex the function, we can always compute the derivative w.r.t any variable using the chain rule.
5. We can reuse a lot of work by starting backwards and computing simpler elements in the chain