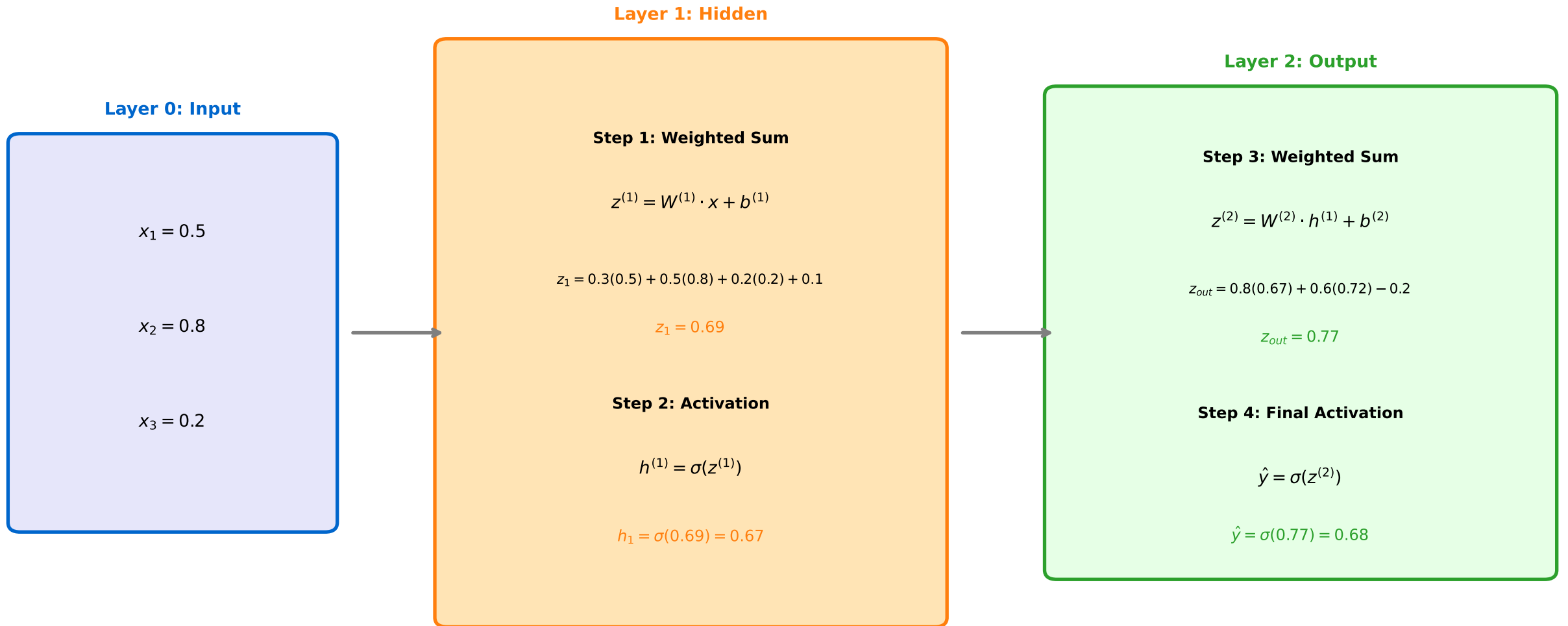


Forward Pass: Layer-by-Layer Computation



Forward Pass Summary:
Input \rightarrow Linear Transform \rightarrow Activation \rightarrow Linear Transform \rightarrow Activation \rightarrow Output
Each layer: $h^{(l)} = \sigma(W^{(l)} \cdot h^{(l-1)} + b^{(l)})$