

Input

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graph TD; Input([Input]) --> Layer1[Fully connected layer1<br/>(500 HUs)]; Layer1 --> ReLu1[ReLu1]; ReLu1 --> Layer2[Fully connected layer2<br/>(300 HUs)]; Layer2 --> ReLu2[ReLu2]; ReLu2 --> Layer3[Fully connected layer3<br/>(10 HUs)]; Layer3 --> Softmax[Softmax]; Softmax --> Output([Output]);
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The diagram illustrates a sequential neural network architecture. It begins with an 'Input' node, which feeds into a stack of two components: 'Fully connected layer1 (500 HUs)' and 'ReLu1'. This stack then feeds into another stack of 'Fully connected layer2 (300 HUs)' and 'ReLu2'. This second stack feeds into a final stack of 'Fully connected layer3 (10 HUs)' and 'Softmax'. The output of the 'Softmax' layer is the 'Output' node.

Fully connected layer1
(500 HUs)

ReLu1

Fully connected layer2
(300 HUs)

ReLu2

Fully connected layer3
(10 HUs)

Softmax

Output