

Deep Learning Questions Worth Pondering Upon

Dipesh Pandey

1 Why do we use matrices in deep learning?

Because it's badass.

2 How do I visualize a neural network?

By using matrices.

3 What are affine transformations?

Think Linear.

4 Why use deeplearning with so many layers instead of one layer with many neurons?

Because non-linearity, bitches.

5 But what happens if I don't use activation functions?

It's useless. Then, you might as well stop calling it deeplearning, it's your traditional Machine Learning.