Chapter_2_Section_1_Defining_Tensors

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1 Ch 02: Concept 01

1.1 Defining tensors

Import TensorFlow and Numpy:

```
In [1]: import tensorflow as tf
import numpy as np
```

Now, define a 2x2 matrix in different ways:

Let's see what happens when we print them:

So, that's what we're dealing with. Interesting.

By the way, there's a function called <code>convert_to_tensor(...)</code> that does exactly what you might expect.

Let's use it to create tensor objects out of various types:

Ok, ok! Time for the reveal: