

Day2

Start Writing Codes with Jupyter Notebook

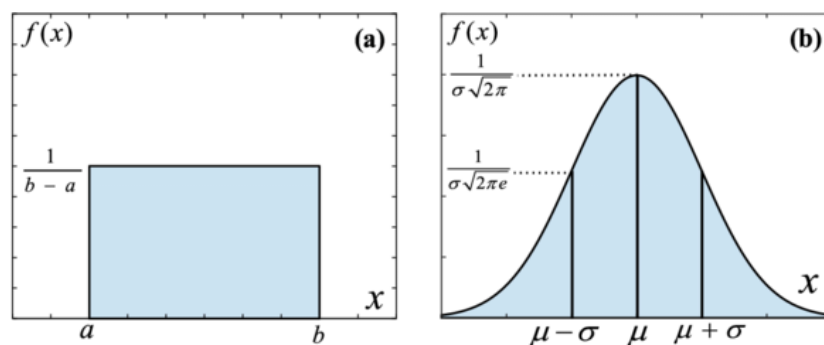
tf.constant

https://www.tensorflow.org/api_docs/python/tf/constant

tf.Variable

https://www.tensorflow.org/api_docs/python/tf/Variable


Uniform vs Normal Distributions



how to shuffle with tensorflow

https://www.tensorflow.org/api_docs/python/tf/random/shuffle

Tensor attributes

Tensor attributes		
Attribute	Meaning	Code
Shape	The length (number of elements) of each of the dimensions of a tensor.	<code>tensor.shape</code>
Rank	The number of tensor dimensions. A scalar has rank 0, a vector has rank 1, a matrix is rank 2, a tensor has rank n.	 <code>tensor.ndim</code>
Axis or dimension	A particular dimension of a tensor.	<code>tensor[0]</code> , <code>tensor[:, 1]...</code>
Size	The total number of items in the tensor.	<code>tf.size(tensor)</code>

tf.newaxis

Notes:

- `tf.newaxis` is `None` as in NumPy.
- An implicit ellipsis is placed at the end of the `slice_spec`
- NumPy advanced indexing is currently not supported.

tf.multiply

https://www.tensorflow.org/api_docs/python/tf/math/multiply.