Rough work

Rather than giving a summary of each individual function I would give a general explanation of what the library does and reference the various functions in that explanation.

Note that the numpy documentation already lists each function, what it does and what inputs and outputs it has. There's no point in just re-writing the documentation in your notebook. It would be better to write an illuminating notebook about what the library does overall.

Even though there are a lot of functions in the package, they all are actually variations on the basic notion of drawing values from probability distributions. For instance, the functions in "Simple random data" are just convenience functions for using the "Distributions" functions. There's not a lot to them and they're all quite similar.

Think of your notebook as giving the flavour of what the package is about, using plots, words, and code snippets. There's no point in re-writing the numpy documentation out.

Does that help?

Ian

Explain the overall purpose of the package

Explain the use of simple random data and permutations function

Explain the use and purpose of at least 5 distributions functions

Explain the use of seeds in generating pseudorandom numbers