Basic   # General
performance   # numpy
optimization

DOMS | Page No.
Date   /   /

Q How to get better out of NumPy

1. Convert Python loops and conditional logic into array or boolean array operations.

2. Use Broadcasting when ever possible

3. Use array views or array slicing to avoid copying data and avoiding extra computation.

4. Utilize Ufuncs and ufunc methods they are fast and optimized and developed for this purpose too.

5. In case of sophisticated logic and higher looping algorithm use Numba library which uses JIT and thus run code fast and efficently.