| Nungy - Resident Manipulation |
|---|
| Nungy |
| -Basically Matrix Manipulation |
| , |
| potox caesting ndarray |
| b= np. agray ([[1,2,3], [4,5,6]]) print (a.shape) # print shape of array, here |
| print (a. shape) # print shape of array, here |
| D [2,3] |
| 2 (2,3) Rows Elumns. |
| >> np. zesos(2,2) |
| Greater & curray of all zeros in (2×2) shape |
| Criticis of States |
| \rightarrow Np. ones((1,2)) |
| → Array of all ones → [[1, 1.]] |
| $\rightarrow np \cdot full((2,2),7)$ |
| # Constant are 2002 agray with 7 as the only men |
| $\rightarrow np.eye(2)$ |
| # 200 identity malaix = [0,1] |
| |
| Boolean Indexing. |
| -> a=np.aesay([[1,2],[3,4],[5,6]]) |
| -> bool_idx=(a>2)#condition checking for array |
| -> paint (bool_ida) -> "False False |
| True True |
| Tame Tame " |
| |

assur. -> np-add (array, array) = array + array # + print (x+y) -> mp. subtract (ass, ass) = ass-ass -> np. multiply (ase, asg.) = ase + ese # Element wise only) r np. divide (ass pas) = ass fass # Element wise only) +## For Matrix Multiplication St() i used 1° au · dot (2° acray) ≈ Dp · dot (V, W) sow & column specific sun. For mp. sum (aga, axis=0) // sum & each column -> np. sum (asa, axis=1) 1/ sum & each Transposing a Matria => aggoT // will give transpose