2024/4/25 Dask 9 Numpy for Machine learning: What's Numpy? special type of array Same as list but more Cooler) Some Funcions: Range -> At Np grange (10)

Step (0,10,2) pp. arange (0,10,2) Jump every two Zero > pp. zeros (10) all list in zero value full -> np. full ((2,10),6) make full of value Musty dimentional -> np. full ((2,10))

2d -array = Sliting rumpy array: Steps, till the end from start [1:] till the end

التاريخ، you can use universal functions too (numpy does universal functions) Search ) Copy VS view Some elifference as doesn't Change by value vs by reference Shape and reshape Shape: is shown element in how many row roshope: Chang any redimention to any u went np. reshape (3,4) in every 3 rows put 4 nus reshape to 1-dim? => reshape (-1

التاريخ، basic for loop like python but np. neliter () make it easier to chort Care about how many elim: Sort return Copy not view Numerical Alphabetically boolers np. Sort Search -> np. Where (Condition for only the indea 2[0] to filter make list and put conditions