**Numpy:**

numpy is python’s package for doing math that is more advanced than +,-,\*, /. This includes special functions like cosine, exponential, sqrt etc. On top of this we can use numpy to generate samples from many types of random variables. numpy also has powerful data type to define vectors, matrices and tensors. On top of this we can use numpy to generate samples from many types of random variables. with these data types numpy also allows us to do linear algebra-matrix multiplication etc. solved some programs.



