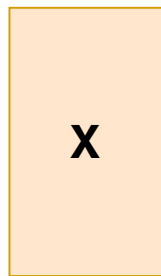
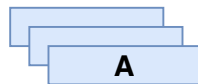


```
X = X.reshape(1,*X.shape).  
A = A.reshape(A.shape[0], 1, -1)
```

*At least one dimension should match after reshaping...*

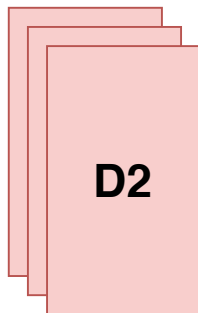


[1x1000x4]



[3x1x4]

$D = X - A$   
 $D2 = D^{**2}$

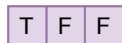
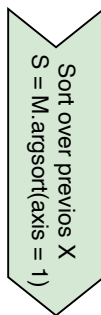


[3x1000x4]

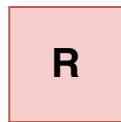
Sum over features  
 $M = D2.sum(axis = 2)$



[3x1000]

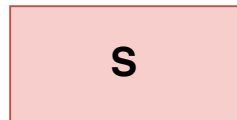


Mean over k most similar  
 $R.mean(axis = 1) > 0.5$



[3xk]

Get k nearest neigh's y  
 $R = y[S[:, :k]]$



[3x1000]