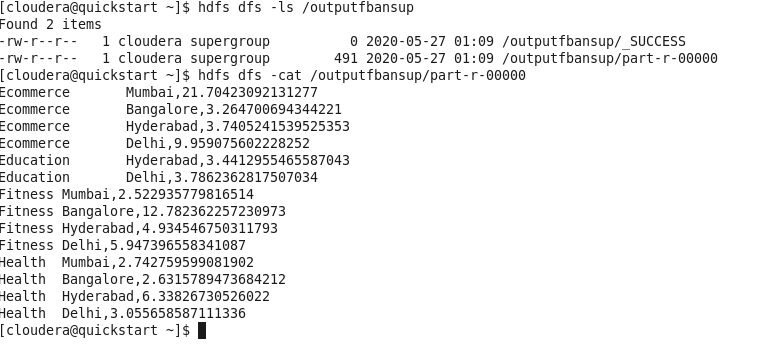
Output :

Normal approach:



Optimized approach:

