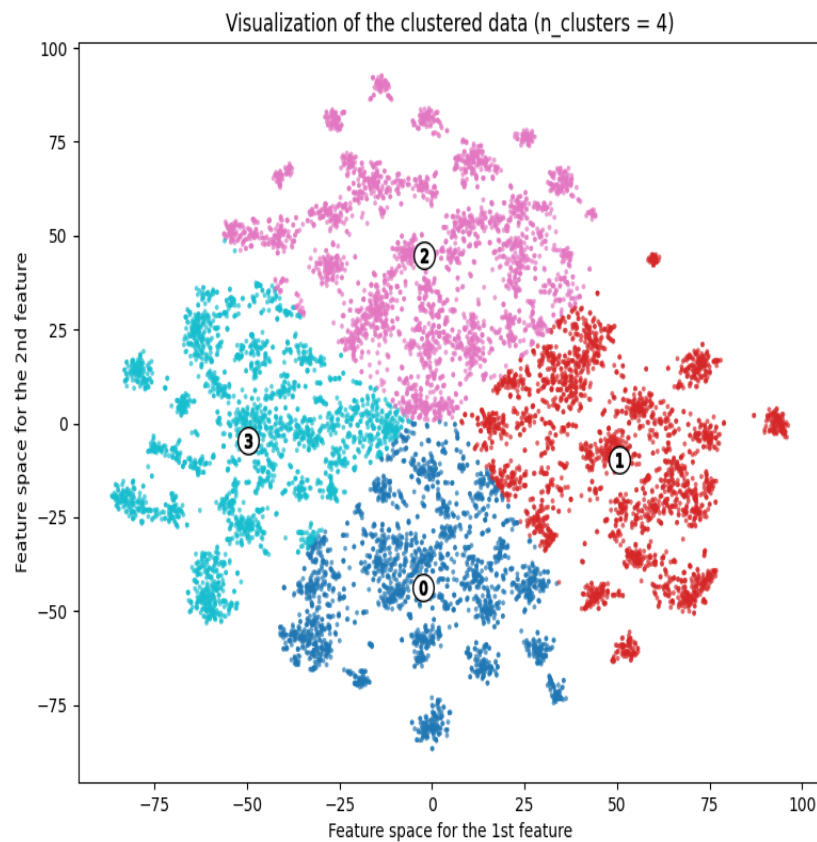


Alternative with 4 clusters:



Cluster 0:

model 3563
learning 3112
application 2640
problem 2479
method 2270
algorithm 2114
network 2104
theory 2018
design 1842
technique 1662
technology 1623
analysis 1594
tool 1588
approach 1517
machine 1482
computing 1434
information 1364
work 1337

goal 1297
provide 1270

Cluster 1:

stem 5909
learning 4264
education 3597
community 3423
social 2841
engineering 2748
teacher 2736
experience 2383
university 2245
network 2233
school 2209
technology 2164
undergraduate 2161
work 2158
provide 2118
practice 2083
group 1991
model 1963
activity 1931
faculty 1922

Cluster 2:

model 4199
cell 3476
change 3417
community 3143
understanding 2952
water 2863
provide 2506
process 2473
specie 2347
plant 2224
protein 2071
result 2017
used 2009
approach 1925
ocean 1923
work 1888
climate 1849
method 1823
human 1800
undergraduate 1765

Cluster 3:

material 5929

quantum 3407
energy 2736
property 2413
technology 2287
process 2255
model 2146
structure 1993
understanding 1984
device 1884
application 1861
high 1859
field 1818
design 1811
used 1801
chemical 1652
undergraduate 1582
method 1542
university 1523
state 1520