MongoDB - vanid')
- name

everything K-mems Groups similar profiles into clusters requires training data ran adapt to user patterns Pros: Adapts Cons: Lots dails - assign Light bio - > Church sembed-bio nuded 9 embed _ pref HYBRID Approach: Pineane - id

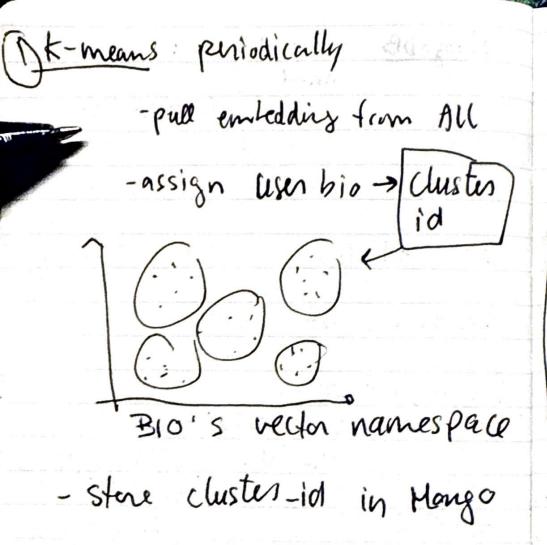
- south values = vector

- metadada = { weder type

faculty

reand

eth - SBERT initial embeddings - k-means to duster Similar profiles
- cosine-similarity + final match (inside clusters) Evector type changes
[1 Index
2 names pac ; $O(n^2) \rightarrow O(n \times k)$ a efficient & Sbert embeds allows good compain



(2) filter cluster id orly And simil. some

The User I. bio v.s user 2. prof

The user 2. bio v.s user 1. prof T= (T1 x T12)/2

> Meta-data filtering W/ weishls >> final score = X.T+B. Meta

> Sout by final scores

-> Provide top 3 best matches on N