It is a dimensionality relebution technique takes
It is a dimensionality reduction technique, takes high dimensional data and projects I to a lover-dim
Spare.
Eperforum UMAP:
1) Calculate perbublities of the points ie one point
being a meaningful reighbour of i Stepto do that: i) Calculate pairwise Euclidian distances
i) Colentate pairwise Enclidion distances
11) Select newest neighbours.
ented (NXD) enterior (NXD) of the content
List of his westors for all k-revert
iv) Symmetries probabilities. [iv) Symmetries probabilities probabilities. [iv) Symmetries probabilities probabilities. [iv) Symmetries probabilities probabilities probabilities probabilities probabilities. [iv) Symmetries probabilities probabili
2) lenform denominatity reduction using obtained probability
Loss = E [pi; lug q + (1-pi;) log (1-qi;)]
where gij = 1 high dim Symmetric protabilities landin pubstility
1+d1j (reduced den distance)
= \(\int \) 2. (\(\bar{p} \) 1; -qij \). \(\text{Xi-Xi} \) \(\text{D} \) embedding \(g \) print i \(\text{I} \) \(\left(1 + d^2 i j \) \)
Update embedding using sgod and above gradiet.