Notes on Dense Representations by Nils Reimers

compiled by D. Gueorguiev, 6/7/2025

Dense Representation Definition

Formally,

dimensional representation (embedding)

Find such function f with which the semantically similar text is close with respect to the Euclidean metric

# References

[1] [Introduction to Dense Text Representations - Part 1, Nils Reimers, Jun 21, 2021](https://youtu.be/qmN1fJ7Fdmo?si=UDxDVSawWsnH56qJ)

[2] [Introduction to Dense Text Representations - Part 2, Nils Reimers, Jun 21, 2021](https://youtu.be/0RV-q0--NLs?si=8cktLBFigHlNZzi-)

[3] [Introduction to Dense Text Representation - Part 3, Nils Reimers, Jun 21, 2021](https://youtu.be/t4Gf4LruVZ4?si=C2fjB45Vsye0t97p)