

2024-06-01 PAT

Why do we care?

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?

How can we measure the quality of identifiers?

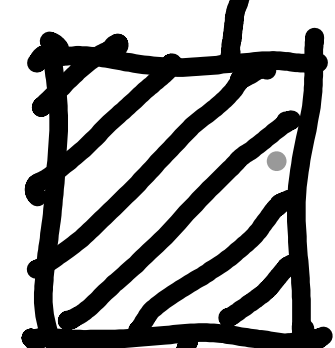
Introduction/
Motivation

swap?

!

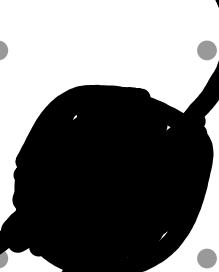
Understanding Semantics is very hard for a computer

[1]



Survey of 34 studies w/ focus on 7 of them

Survey/
Methodology



NLP n-gram model works well for translation

!

OOV words are very common for identifiers

S. NLP

[14,15]

Neural networks offer better accuracy & a solution for OOV

[5]

!

We cannot handle sequences well in a regular (D)NN [2,16,18]

S. ML

We can use RNNs, LSTMs, and transformers

Could GPTs offer better accuracy?

?

Discussion/
Future Work