

CDS Week 9 Lab

Points:

✓ **Correct** 2/2 Points

1. Why do we need word embeddings? * 

- ☒ To encode semantic and syntactic knowledge that is superior than tf-idf based representation. ✓
- ☒ To obtain better word level features that can improve sentence or document representation and improve performance of different tasks such as sentiment analysis. ✓

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2. Why do we need negative sampling? * 

- ☐ Most of the invalid context and word pairs are useless.
- ☒ To avoid computationally expensive denominator in the softmax operation. ✓