1 point

NPTEL » Deep Learning - Part 1

Unit 11 - Week 9 Course outline **Assignment 9** How does an NPTEL online Due on 2020-04-01, 23:59 IST. The due date for submitting this assignment has passed. course work? As per our records you have not submitted this assignment. Week 0 Consider the one-hot representation of the following words 1 point Week 1 Car: Week 2 0 0 0 0 Week 3 week 4 Hut: Week 5 0 1 0 0 0 0 Week 6 Week 7 Euclidean distance between car and hut is Week 8 $\sqrt{3}$ Week 9 $\sqrt{2}$ One-hot representations of words 2 Distributed Representations of None of these words No, the answer is incorrect. SVD for learning word Score: 0 representations Accepted Answers: $\sqrt{2}$ SVD for learning word representations (Contd.) 2) Which of the following are stop words? 1 point Continuous bag of words O a model an Skip-gram model O the Skip-gram model (Contd.) All of these Contrastive estimation No, the answer is incorrect. Score: 0 Hierarchical softmax Accepted Answers: GloVe representations All of these Evaluating word PMI between w and c is 1 point representations Relation between SVD and $PMI(w,c) = log \frac{count(w,c) \times count(w)}{count(c) \times N}$ Word2Vec Lecture Material for Week 9 $PMI(w,c) = log \frac{count(c) \times count(w)}{count(c,w) \times N}$ Quiz : Assignment 9 Week 9 Feedback $PMI(w, c) = log \frac{N}{count(c) \times count(w)}$ week 10 Week 11 $PMI(w, c) = log \frac{count(w, c) \times N}{count(c) \times count(w)}$ Week 12 No, the answer is incorrect. **Download Videos** Score: 0 Accepted Answers: $PMI(w, c) = log \frac{count(w, c) \times N}{count(c) \times count(w)}$ **Text Transcripts** 4) Which of the following is/are the main problem(s) of distributed representation of words? 1 point Very high dimensional Very sparse III. grows with size of vocabulary O I only ○ I & II only II & III only ○ I, II & III No, the answer is incorrect. Score: 0 Accepted Answers: 1, 11 & 111 5) Which of the following method use arithmetic operation in evaluation of word representation? 1 point Semantic relatedness Synonym detection Semantic analogy None of the above

"Given two words, humans judge similarity between two words and computes cosine similarity between two words".

Which of the following method consider the above approach in evaluation of word representation?

No, the answer is incorrect.

Semantic relatedness

Synonym detection

Semantic analogy

None of the above

Accepted Answers: Semantic relatedness

No, the answer is incorrect.

Accepted Answers: Semantic analogy

Score: 0

Score: 0

Score: 0

1 & II

□ I, II, & III

None of the above

Accepted Answers:

No, the answer is incorrect.

