Word and sentence embeddings

Quiz, 5 questions

✔ **Congratulations! You passed!**   [Next Item]

✔ 1 / 1
point

1.
Compute a second-order co-occurrence between the words *'bees'* and *'honey'* (the cosine similarity between their first-order co-occurrence vectors). Use the toy corpus:

These are the wrong sort of bees. Quite the wrong sort. So I should think they would make the wrong sort of honey.

- Let's define a context of a word as **three words to the left and three words to the right from the target word, occurred within the same sentence** (if there are any).

- Forthe first-order co-occurrence, let's consider pPMI values (the formula was given on slide 5 of the first video).

Hint: in this question you actually do not need to *compute* anything... And the answer would be the same for any type of first-order co-occurrence.

✔ 2 / 2
points

2.
Choose correct statements about Singular Value Decomposition (SVD), an important notion from the linear algebra. Feel free to consult any additional resource like wiki if needed.

✔ 1 / 1
point

3.

Find the objective function of the GloVe model.

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point

4.

How are word embeddings usually evaluated (qualitatively or quantitively)?

✔ 1 / 1
   point

5.

Choose the correct statements.