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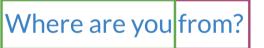< **Previous**   **Next** >

Siamese Networks

Siamese Network

It is best to describe what a Siamese network is through an example.

How old are you?   =   What is your age?

Where are you from?   ≠   Where are you going?

Note that in the first example above, the two sentences mean the same thing but have completely different words. While in the second case, the two sentences mean completely different things but they have very similar words.

Classification: learns what makes an input what it is.

Siamese Networks: learns what makes two inputs the same

Here are a few applications of siamese networks:

Handwritten checks   Question duplicates   Queries

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