# HOW TO PRE-TRAIN YOUR BERT MODEL

## 1. Masked language modeling (Mask ML)

[CLS] [mannheim] [is] [a] [beautiful] [city] [SEP]

**BERT**

[CLS] [mannheim] [is] [a] [MASK] [city] [SEP]
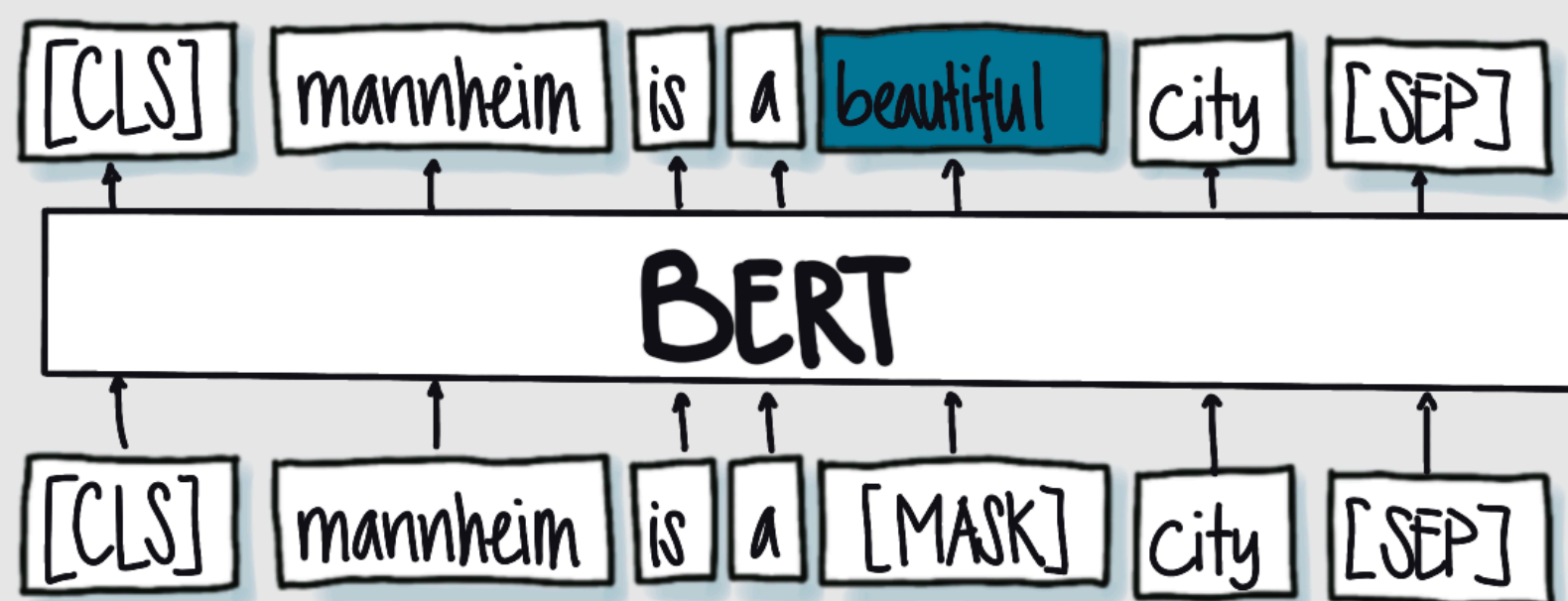
With masked language modeling, you mask one word at a time of your text to let the model predict which words should be there.

## 2. Next sentence prediction

DOCUMENT
Mannheim is
a beautiful
city.

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A: Mannheim is a beautiful City.

B: It's close to two rivers and quite green.

✓

With next sentence prediction, the model predicts which sentence comes next.