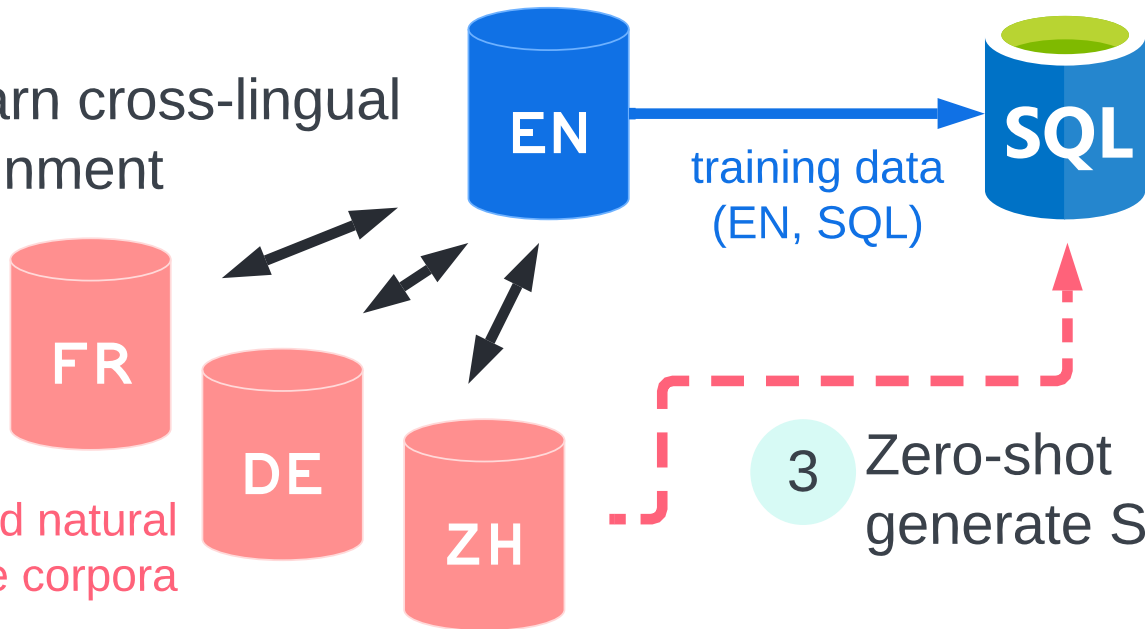1 Use training data pairs in English

2 Learn cross-lingual alignment

training data (EN, SQL)

unlabeled natural language corpora

3 Zero-shot generate SQL