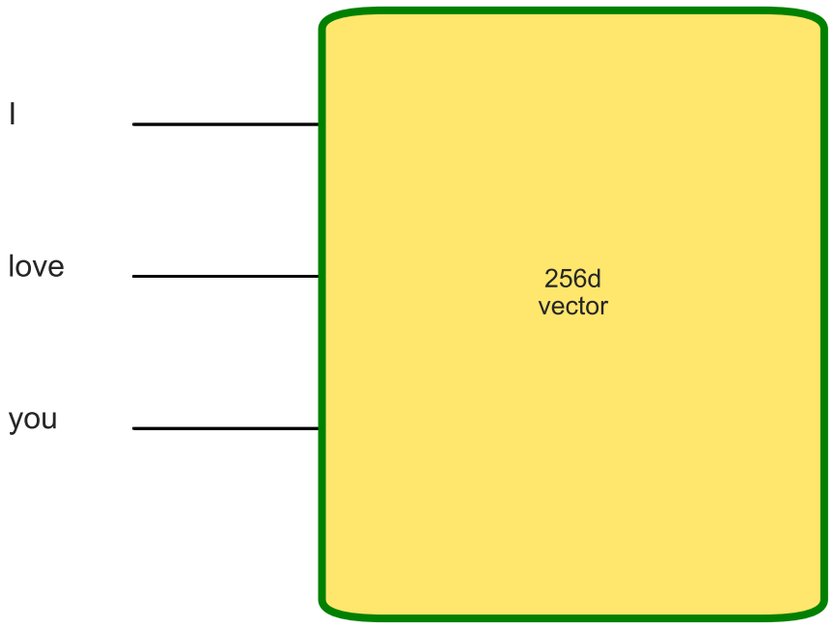
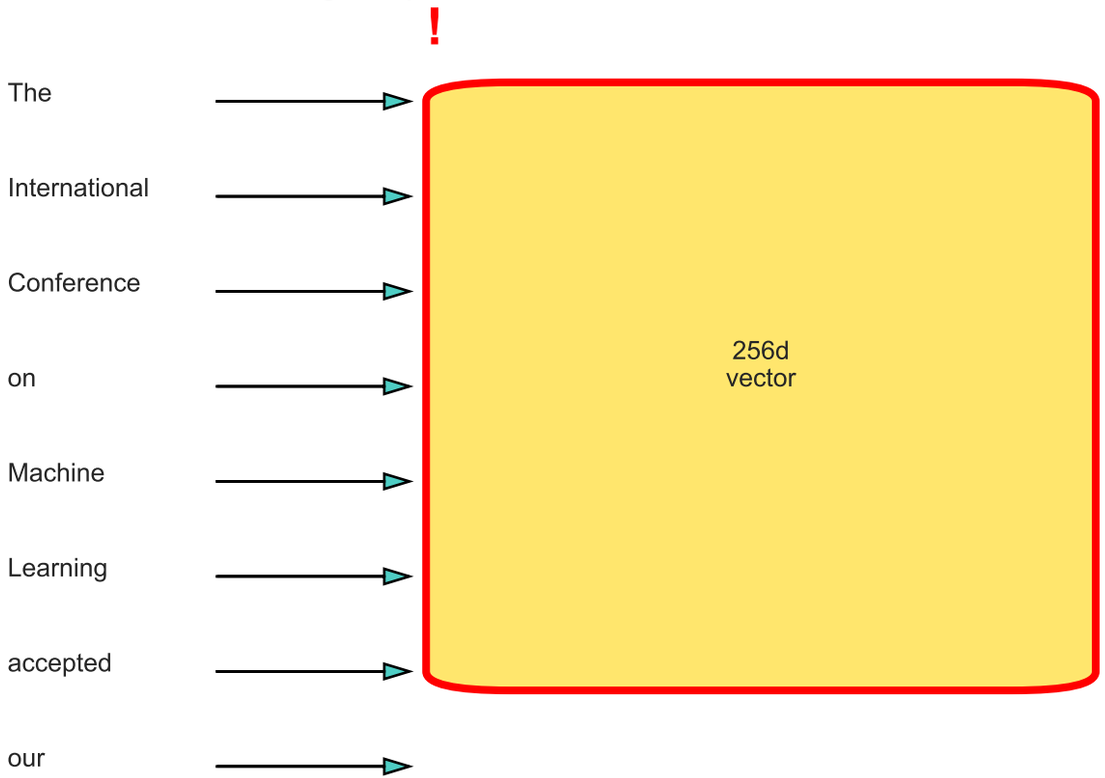
The Information Bottleneck Problem

Short Sequence: Fits in Context



✅ **No loss**

Long Sequence: Bottleneck Problem



❌ **Information lost!**