

# Outline

- Approaches to MT.
- What makes MT statistical.
  - Probability of a sentence, Bayes' law.
  - Log-linear model.
- Phrase-Based MT.
  - Features used.
  - Training Pipeline.
  - Unjustified independence assumptions.
- Neural MT.
  - Deep learning summary.
  - Representing text
  - Encoder-decoder architecture.