

ITMO UNIVERSITY

NLP Basic and Selected Topics

A Practical and Easy Introduction to Selected Topics

Aug 31st, 2019

Goal Today

- ✓ Introduction to Natural Language Processing (NLP)
- ✓ Keep it understandable and practical
- ✓ With exercises
- ✓ Show selected basic, and also some advanced concepts

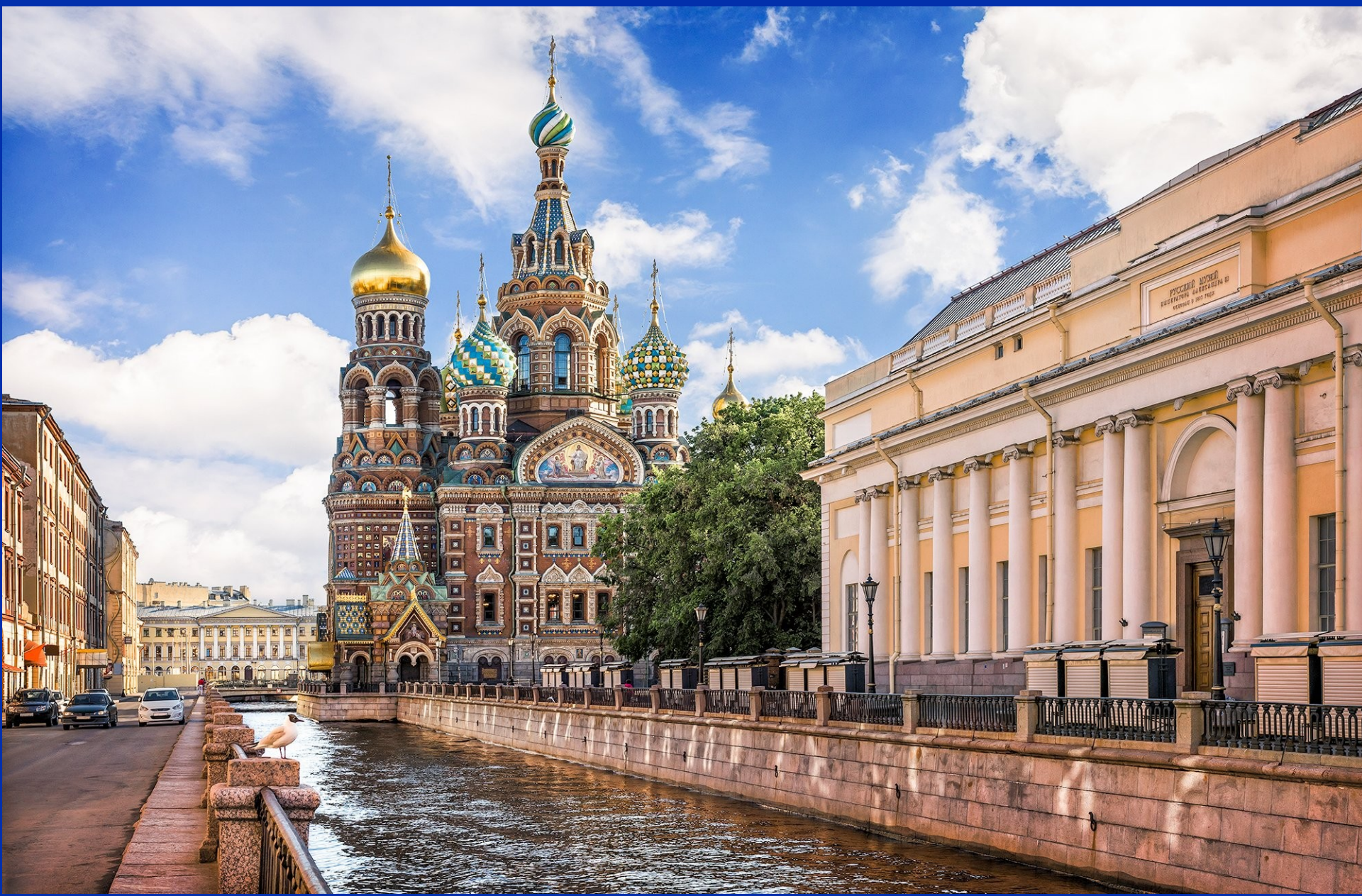
Outcome

- ✓ You will know what NLP is
- ✓ You know some applications
- ✓ You get an idea of which methods are used, and what they can do :)

About Me

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Overview of the Unit Today

- 1) Applications of NLP / Introduction (30min)
- 2) Practical Basic NLP (NLTK / pythainlp) (45min)
- 3) Modern NLP with ML/DL (45min)
- 4) Example: Word Similarity and WordNet (30min)
- 5) Examples of modern NLP with fastAI / flair (30min)