

Deep Learning School is an organization supported by PSAMI MIPT and Lab of Innovation (MIPT).



Deep Learning School

The purpose of our courses is to acquaint students with **the basic principles of deep learning** (neural networks) in an interactive format and with practical tasks. After the basic part of our course there are modules about modern Computer Vision and Natural Language Processing.

Each term (autumn and spring) we start the course **from the beginning** and help students to pass the course via chats in Telegram and Canvas (free educational platform).

Stay tuned about the upcoming lessons and new courses (some very exciting things are coming this summer and autumn) on our official website and VK community:

Topics covered in our course:

- Intuition behind the modern AI
- Tools for Deep Learning
- Python language basics
- Math behind the Neural Networks
- Machine Learning concepts
- Neural Networks: theory and practice
- Convolutional Neural Networks in Computer Vision
- Applied Computer Vision tasks: segmentation, detection and style transfer
- Natural Language Processing: RNNs, language models and machine translation
- Audio processing and Speech recognition

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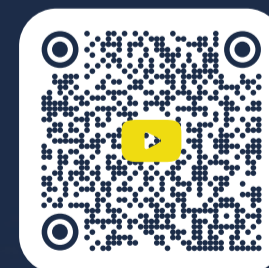
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