

The list of materials necessary to prepare for the recruitment test to the Artificial Intelligence Club 2025/26

1. Machine learning:

- <https://www.elementsofai.com/> Part 1: Chapters 1, 2, 4, 5; Part 2: Chapters 1, 3, 4.
- <https://opencv.org/blog/what-is-computer-vision/>
- <https://www.ibm.com/think/topics/clustering>
- <https://www.ibm.com/think/topics/gradient-descent>
- <https://mlu-explain.github.io/train-test-validation/>
- <https://mlu-explain.github.io/bias-variance/> up to the subchapter about LOESS (without it).

2. Python:

- <https://programming-24.mooc.fi/> Parts 1-5; 7.1, 11.1.
- <https://www.pythonmorsels.com/truthiness/>