

## **Lecture Videos of Artificial Intelligence and Machine Learning**

Channel name: **SECourses**

Playlist link of the course:

[https://www.youtube.com/playlist?list=PL\\_pbwdIyffskVschrADCL6KEnL\\_nqDtgD](https://www.youtube.com/playlist?list=PL_pbwdIyffskVschrADCL6KEnL_nqDtgD)

**Features of All Videos:** 1080p, English audio, very high video quality, 30 fps

**Lecture 1:** Introduction to AI and ML

**Link:** <https://youtu.be/IOMO-kcqxJ8>

**Duration:** 1 hour 21 minutes

**Subtitle:** We thank Mehmet Öksüz for manual correction

**Lecture 2:** Introduction to Machine Learning

**Link:** <https://youtu.be/PMst0I5Qp2k>

**Duration:** 1 hour 51 minutes

**Subtitle:** We thank Simay Seyrek for manual correction

**Lecture 3:** Practical Example of Decision Trees with C# and Accord.NET

**Link:** <https://youtu.be/eVjrH1lpc6Q>

**Duration:** 1 hour 57 minutes

**Subtitle:** We thank Simay Seyrek for manual correction

**Lecture 4:** Proper Model Training & Testing, KNN Algorithm & Practical Example

**Link:** <https://youtu.be/xual-sKxWeg>

**Duration:** 1 hour 38 minutes

**Subtitle:** In progress by Nisa Kuzu

**Lecture 5:** Learning a Linear Classifier, Perceptron Learning & Hyperplanes

**Link:** <https://youtu.be/CYHqJhwZSAE>

**Duration:** 1 hour 57 minutes

**Subtitle:** Awaiting volunteered student

**Lecture 6:** A Real Full Example of How to Do Multilayer Perceptron Training

**Link:** <https://youtu.be/qrklFBewlJA>

**Duration:** 3 hours 11 minutes

**Subtitle:** Awaiting volunteered student