

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

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 1/2

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

Duration: 3 hours 11 minutes

Subtitle: Awaiting volunteered student

Lecture 7: A Real Full Example of How to Do Multilayer Perceptron Training 2/2

Link: <https://youtu.be/aHGtWiZzY7k>

Duration: 2 hours 26 minutes

Subtitle: Awaiting volunteered student

Lecture 8: Feature Selection & Normalization, Data pre-processing, TF-IDF

Link: <https://youtu.be/w1lKJE3NfIQ>

Duration: 2 hours 10 minutes

Subtitle: Awaiting volunteered student

Lecture 9: Supervised Evaluation, K-Fold Cross Validation & Multiclass Classification

Link: <https://youtu.be/RqInTt829ZI>

Duration: 1 hour 48 minutes

Subtitle: Awaiting volunteered student