

# Machine Learning for Time Series

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# First things first...

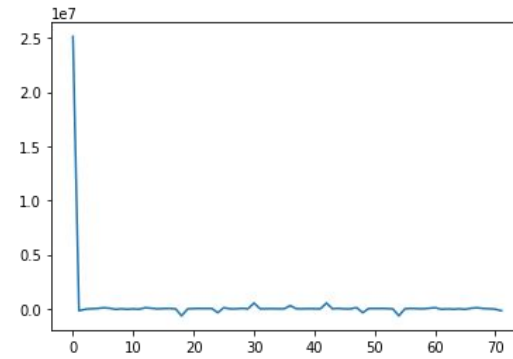
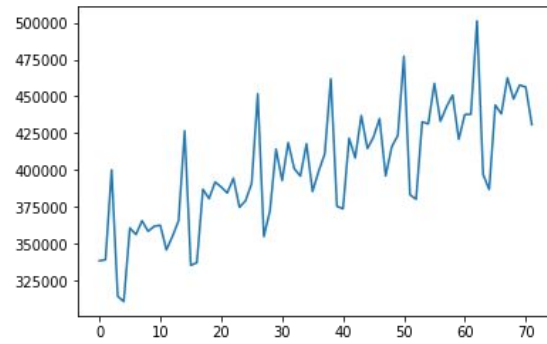
- Who are you?
- What do you expect from this course?
- What is your experience in Python/ML?

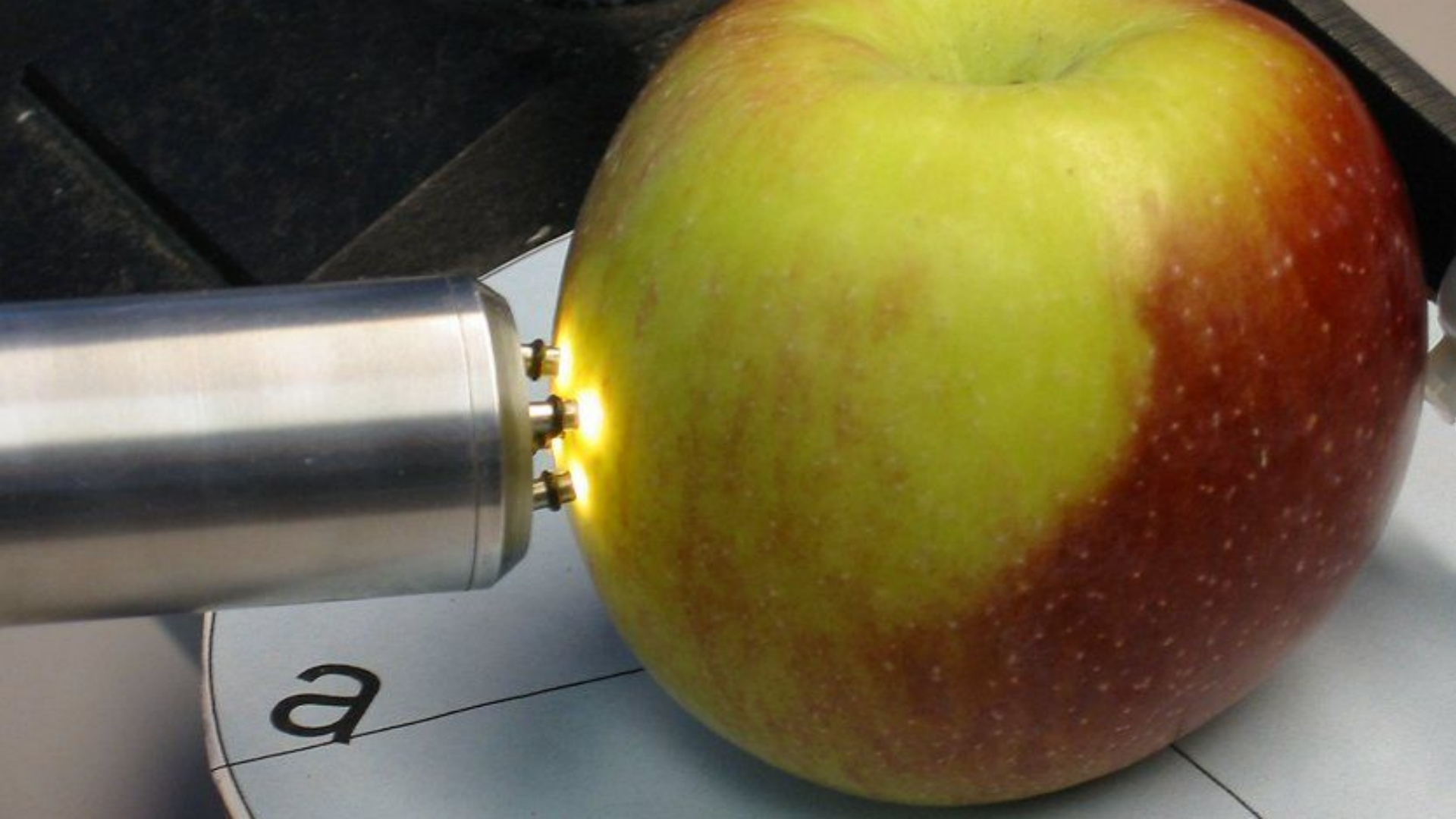
# Who am I?

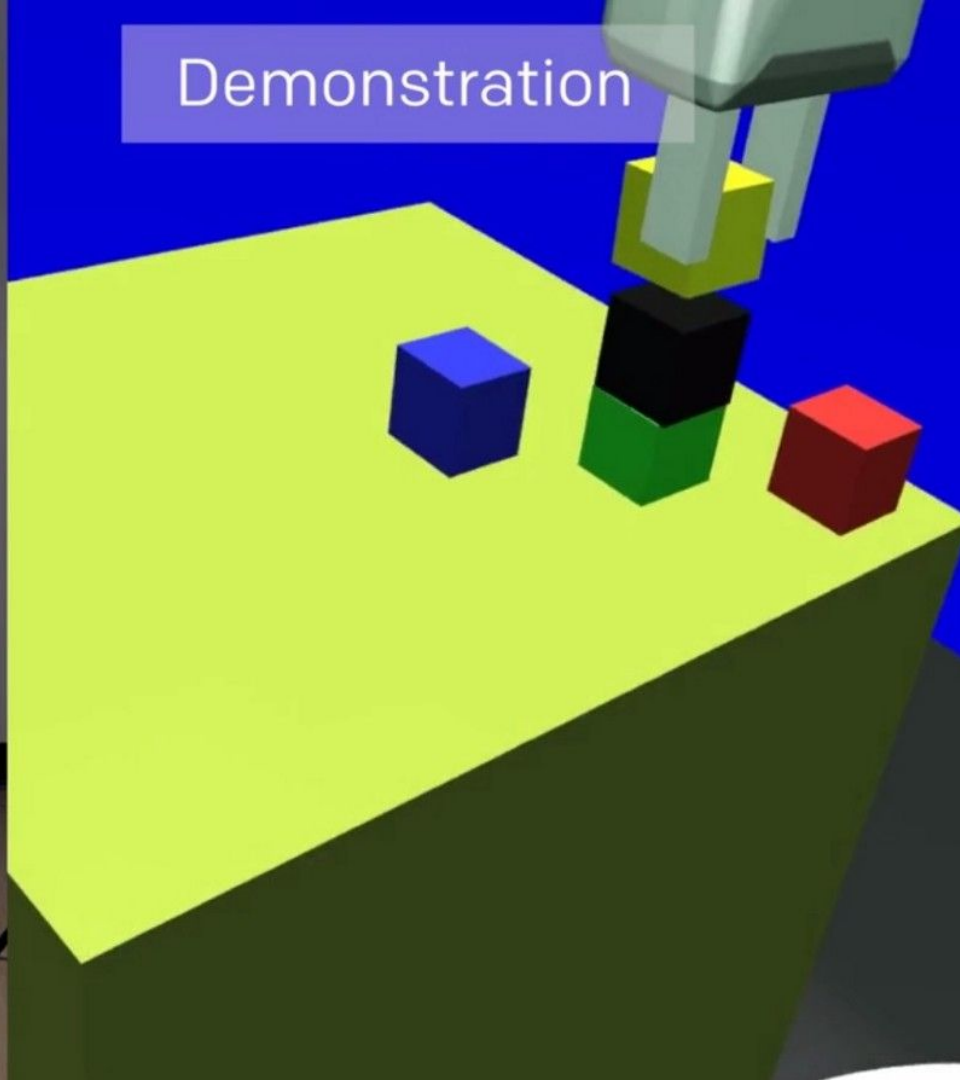
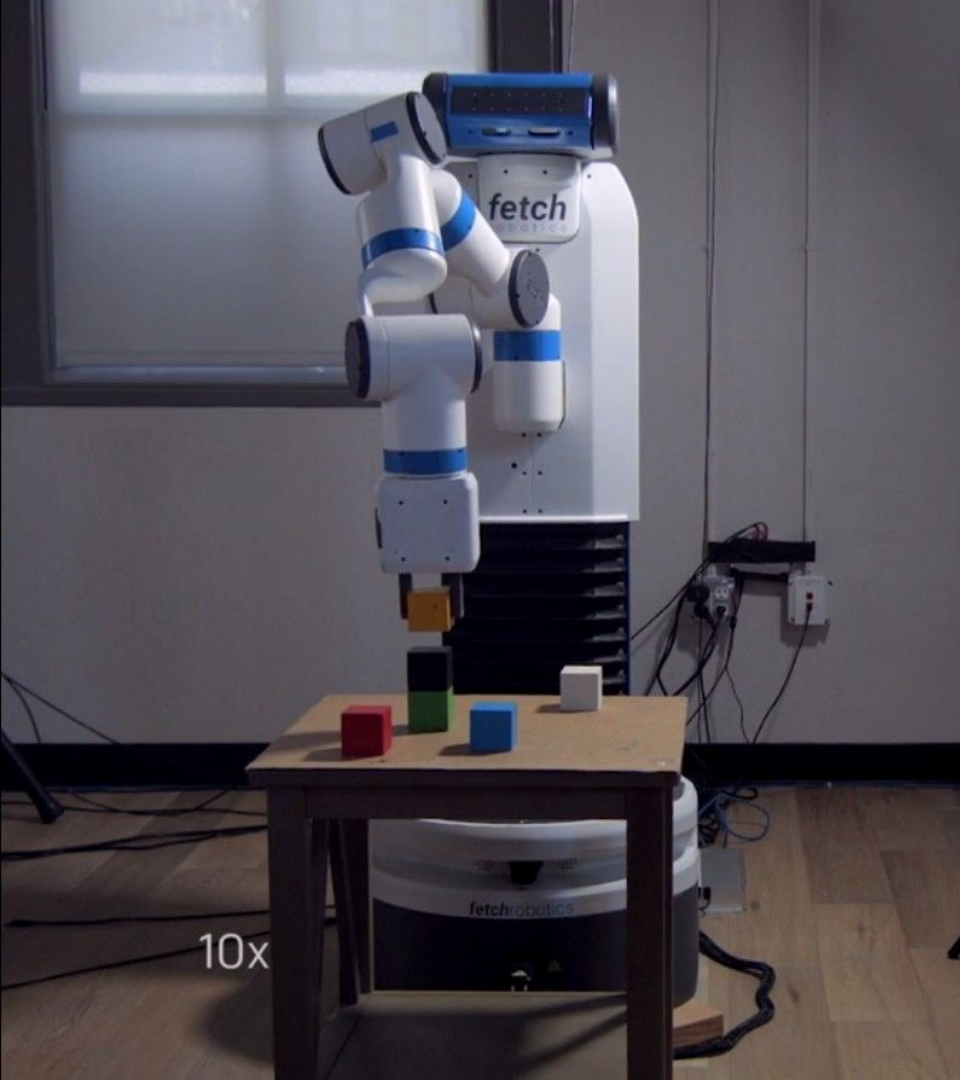


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**Goal of this course:**

Hands-on introduction to machine  
learning for time series

# Program

- **Day One:**
  - Quick pandas/matplotlib refresher.
  - Introduction to machine learning: supervised vs unsupervised learning.
- **Day Two:**
  - Cluster analysis of time series data.
  - Time series classification.
- **Day Three:**
  - Introduction to neural networks and deep learning for time series.
  - Sequential supervised learning: Hidden Markov models, Conditional Random Fields.



Let's go!