

ABOUT THE SPEAKER



Yi Peng

Senior Quantitative Strategist

Yi Peng is a Senior Quantitative Strategist at a sovereign wealth fund. His primary research mandate involves applying deep/machine learning to identify trading signals across different asset classes/geographies. He loves the speed of innovation in machine learning, and hopes to apply cutting edge research to quantitative finance/

financial data science. With a passion for teaching and sharing his love of the subject, he has taught machine learning classes at Singapore Management University (SMU) and online via the No Code Course. Yi Peng graduated with a Masters in Artificial Intelligence and Double Bachelors in Finance and Accounting from SMU.

PROGRAMME OUTLINE

8.30pm - 10.30pm

Introduction to AI and Machine Learning

- Background and intuitive understanding of Deep/Machine learning
- How it can be used to solve problems in trading and investing

Different ML methods

- Supervised Learning
- Unsupervised Learning
- Deep learning
- Semi/Self Supervised Learning

Application of Machine Learning in Capital Markets

- Market Prediction
 - Automating Technical Analysis/Visual Inspection of Charts
 - Deep learning applications to predict stock returns
- Risk Management Unsupervised methods and structural break detection
- Sentiment Analysis Systematic and accurate financial sentiment analysis
- Meta Labeling/Quantamental Augmenting fundamental analysis with machine learning

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