

# **A.I., Big Data, and Economic Forecasting**

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## **Abstract**

In this big-data environment, artificial intelligence (AI) has attracted substantial interest. The impacts of AI and big data on the economy and the society have been highly discussed. In this talk, we take an academic view on various issues concerning AI, big-data, and machine learning. We focus on forecasting in a data-rich environment and demonstrate the potential gains of modern prediction methods, including model averaging, boosting, random forest, and deep learning. We also discuss limitations of the big-data methods. If time permits, we shall discuss the challenges facing AI in general and machine learning in particular.