1. Machine Learning in Asset Management—Part 1: Portfolio Construction—Trading Strategies:

Machine learning can help with most portfolio construction tasks like idea generation, alpha factor design, asset allocation, weight optimization, position sizing, and the testing of strategies.

<https://jfds.pm-research.com/content/2/1/10/tab-pdf-trialist#sec-1>

# Data Science and its Relationship to Big Data and Data-Driven Decision Making

# <https://www.liebertpub.com/doi/full/10.1089/big.2013.1508>

# Data Science in Asset Management

<https://www.youtube.com/watch?v=gxN9GuFbUfs>

1. <https://dl.acm.org/doi/abs/10.1145/2500499-> Big data promises automated actionable knowledge creation and predictive models for use by both humans and computers.

# NSE Stock Market Prediction Using Deep-Learning Model

<https://www.sciencedirect.com/science/article/pii/S1877050918307828>

# Predict Stock Market Behavior: Role of Machine Learning Algorithms

<https://link.springer.com/chapter/10.1007/978-981-10-7245-1_38>

# Social Media and Stock Market Prediction: A Big Data Approach

<https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3827106>

## Complex decision-making strategies in a stock market experiment explained as the combination of few simple strategies

<https://epjds.epj.org/articles/epjdata/abs/2021/01/13688_2021_Article_280/13688_2021_Article_280.html>

# Stock Closing Price Prediction using Machine Learning Techniques

<https://www.sciencedirect.com/science/article/pii/S1877050920307924>

### **[Predicting prices of](https://www.researchgate.net/profile/Md-Hossain-419/publication/331385031_Predicting_Prices_of_Stock_Market_using_Gated_Recurrent_Units_GRUs_Neural_Networks/links/5c93b36492851cf0ae8e96fb/Predicting-Prices-of-Stock-Market-using-Gated-Recurrent-Units-GRUs-Neural-Networks.pdf)**[stock market](https://www.researchgate.net/profile/Md-Hossain-419/publication/331385031_Predicting_Prices_of_Stock_Market_using_Gated_Recurrent_Units_GRUs_Neural_Networks/links/5c93b36492851cf0ae8e96fb/Predicting-Prices-of-Stock-Market-using-Gated-Recurrent-Units-GRUs-Neural-Networks.pdf)**[using gated recurrent units (GRUs) neural networks](https://www.researchgate.net/profile/Md-Hossain-419/publication/331385031_Predicting_Prices_of_Stock_Market_using_Gated_Recurrent_Units_GRUs_Neural_Networks/links/5c93b36492851cf0ae8e96fb/Predicting-Prices-of-Stock-Market-using-Gated-Recurrent-Units-GRUs-Neural-Networks.pdf)**

https://www.researchgate.net/profile/Md-Hossain-419/publication/331385031\_Predicting\_Prices\_of\_Stock\_Market\_using\_Gated\_Recurrent\_Units\_GRUs\_Neural\_Networks/links/5c93b36492851cf0ae8e96fb/Predicting-Prices-of-Stock-Market-using-Gated-Recurrent-Units-GRUs-Neural-Networks.pdf