Introduction to Trading, Machine Learning & GCP
Google Cloud, New York Institute of Finance

Overview

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Course Info
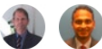
Week 2

Introduction to Trading, Machine Learning & GCP

Week 2

Discuss this week's modules here.

112 threads · Last post 9 days ago

[Go to forum]

Supervised Learning with BigQuery ML

In this module you will be introduced to supervised machine learning and some relevant algorithms commonly applied to trading problems. You will get some hands-on experience building a regression model using BigQuery Machine Learning

Learning Objectives

- Understand difference between supervised and unsupervised machine learning.
- Understand the differences between regression and classification models.

⌃ Less

Introduction to Supervised Learning

▶ **Video:** What is forecasting? - part 1   5 min   [Resume]

▶ **Video:** What is forecasting? - part 2   4 min

▶ **Video:** Choosing the right model and BQML - part 1   3 min

▶ **Video:** Choosing the right model and BQML - part 2   2 min

▤ **Practice Quiz:** Forecasting   3 questions

▶ **Video:** Lab Intro: Forecasting Stock Prices using Regression in BQML   36 sec

◱ **Graded External Tool:** Qwiklabs: Building a Regression Model in BigQuery for AAPL Stock Data   1h   Due Feb 15, 1:59 AM CST

▶ **Video:** Lab Walkthrough: Forecasting Stock Prices using Regression in BQML   12 min

Additional Practice: BigQuery Machine Learning model types

▢ **Reading:** Staying current with BigQuery ML model types   10 min

◱ **Graded External Tool:** Qwiklabs: Movie Recommendations in BigQuery ML (Additional Practice with BigQuery ML)   1h   Due Feb 15, 1:59 AM CST

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