

MGMT 638

Session 7

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Agenda

1. Multiples and stock reports
2. Machine learning models for valuation

New Dataset

- Download [data2_nov2025.xlsx](#)
- Ask Claude to describe the data and to list all columns.

Multiples

- Let's pick a stock to analyze.
- Ask Claude to use the Nov2025 data to find stocks in the same industry with similar marketcaps and to list their PE and PB ratios, ROE, and 5-year revenue growth.
- Does the company we're analyzing look undervalued, overvalued, or correctly valued?
- Try to understand the company's valuation using other data from data2_nov2025.xlsx. And ask Claude to get other data as needed from the Rice database.

Research Report

- Ask Claude to do online research to find any information relevant to the company's valuation.
- Ask Claude to create a Word doc containing an analysis of the company based on the peer data, any other data gathered, and the online research.
- Is there other information we would want to look at?

Machine Learning

- Tell Claude we want to value the company using the Nov2025 data and machine learning.
- Ask Claude what machine learning model it recommends and why.
- Ask Claude how to proceed with valuation.