

# MSD II Week 2 Update

Bit. Nibble. Byte

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# Agenda

1. Virtual Environment
2. Remote Server
3. Pyomo model
  - a. Sets of sets solution
4. Demo Goals

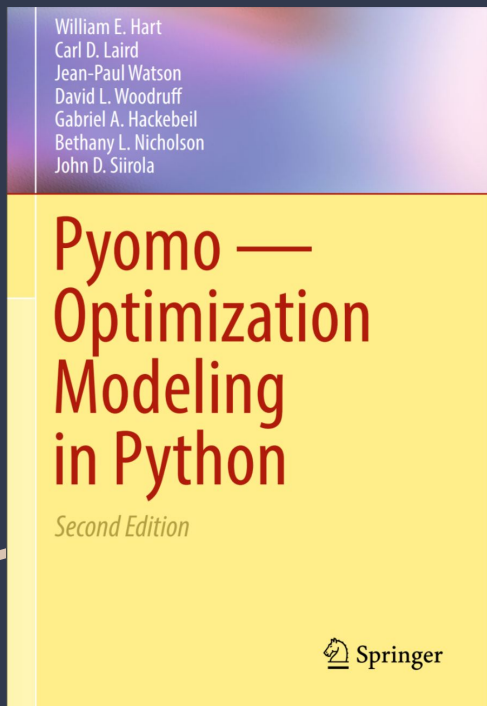
# Virtual Environment

- venv & pip support built in with Python 3.5+, need to be installed for older versions
- requirements.txt now included in repository
- `python -m pip install -r requirements.txt`

# CE Server Updates

- Networking issues being resolved
- Optimized python 3.6.4

# Pyomo Model Status



- The team found this textbook!
  - Dr. Katie has the 1st edition
  - Contains info on sets of sets in the 2nd
  - Hopefully this leads to solving our pyomo problems

# Other teams

- Taylor and Dan started meeting with the MSD placement team
  - A lot of shared problems
  - MSD team has focused on data entry and we've focused on modeling

# Week 6 Demo Goals

1. Operational model & API
2. Website
  - a. Account creation/authentication
  - b. Data file uploads
  - c. Job status page

Questions?

