

Workshop W2: Python for Grid Data, Hands-On

Linnea Sorensen (S058)

2027-04-25 | 08:30-12:00 America/New_York | Deck Room 2

Session scope

Separate event; \$395, members \$295 with code; 70 seats. CE credits: 3.5 PDH

Learning objectives

1. Participants will load a synthetic CSV file and inspect its columns and timestamps.
2. Participants will flag missing intervals and duplicate records with a short Python script.
3. Participants will compare a summary table with the original rows and explain a discrepancy.

Teaching plan

The speaker introduces the source session topic and a fictional case. Participants identify the decision to examine, review the supplied evidence, then discuss how different assumptions change their conclusions.

Case discussion

The group works through a case about python for grid data, hands-on. Each team records the information it trusts, the information still missing, and the reason for its proposed next question. The speaker compares the teams' conclusions and ties them back to the session scope.

Laptop setup sheet

Bring a laptop with a local Python environment and a text editor. The classroom exercise uses synthetic CSV records supplied by the presenter. Keep production credentials and operational data out of the exercise; the sample requires no connection to a utility system.

Outline status

This synthetic demo fixture represents the first outline submission. Its review state appears in the conference workspace. The final presentation deck is due April 9, 2027 and has not been uploaded.