



Hack OHI/O Challenge

Using ENGIE's energy tracking platform, Smart Institutions, we challenge you to explore different kinds of datasets, discover energy consumption patterns across OSU's campus, and create a compelling data visualization to share the story of the insights you have gained. You can utilize whichever types of data you wish from Smart Institutions (different types of energy consumption data such as electricity or gas, weather data, building specific data such as size or building type, etc.) and create any kind of data visualization you'd like (line chart, bar graph, 3D model, map, or a combination of several)—whatever best communicates what you have learned about energy at OSU. Participants are allowed to use any preferred software or program and are encouraged to perform any preferred data analysis techniques (such as data cleaning/smoothing, statistical modelling, etc.) to create their visualizations. A description of what the participants have learned and accomplished as well as an explanation of their data visualization should also be provided. Solutions will be judged based on clarity, creativity, completeness of solution, impact, and use of data.

Hack OHI/O Prizes:

- 1st place: a shared \$300 Visa gift card plus a chance for an interview for an internship at ENGIE OSU
- 2nd place: a shared \$150 Visa

Login information for Smart Institutions:

- Navigate to <https://ohiostateuniversity.smartinstitutions.digital.engie.com/>
- Username: User1@HackOh.io
- Password: PW: EngieNA12345678!!

Troubleshooting/Questions:

- CC the SI team at support@c3.ai, Denny O'Dowd at denny.odowd@c3.ai, Sarah Buckingham at sarah.buckingham@external.engie.com, and Michael Tweet at michael.tweet@engie.com and we will help you out!
- Additionally, though you are welcome and encouraged to use any platform, software, or tools at your disposal when creating your data visualizations, we have provided access to Jupyter Notebook as an option for those who are not sure where to begin. See attached for the **Jupyter Notebook Access Guide** for instructions on how to access and use the platform, as well as the **Metrics Guide** an overall description of the different data fields available on Smart Institutions.