

ECS Data Sciences Hack Day

October 4, 2017 – Room: Maryland 1

Organizers: David Beck, Matthew Murbach, Daniel Schwartz
Department of Chemical Engineering
University of Washington, Seattle



Agenda

OSF Project Page

<https://osf.io/z4xkn/>

Twitter

#ECSHackDay, @ECSorg,
@UW_CEI, @uwescience

Start	End	Activity	
8:30	9:30	Kick-off, motivations, overview	Daniel Schwartz
9:30	12:00	Introduction to key Data Science tools	
9:30	10:00	Using the command line & bash shell	David Beck
10:00	10:20	What is version control & why we care?	
10:20	10:30	Break	
10:30	11:00	Version control practicum	
11:00	11:30	Jupyter notebook basics	Matt Murbach
11:30	12:00	Python ecosystem & package discovery	
12:00	1:00	Lunch & Project Ideation	All
1:00	5:00	Project Time	
1:00	2:20	Collaborative team work	
2:20	2:30	Team progress standups	
2:30	4:20	Collaborative team work	
4:20	4:50	Team final reports and future directions	
4:50	5:00	Final thoughts and idea sharing for the future	

Support for the ECS Data Science Hack Day provided by:



UNIVERSITY of WASHINGTON



CLEAN ENERGY
INSTITUTE



DIRECT
Data Intensive Research
Enabling Clean Technologies



eScience Institute
ADVANCING DATA-INTENSIVE DISCOVERY IN ALL FIELDS