



Iowa State University
August 11-12, 2016

What is Data Carpentry?

- Objective:
 - Work more **effectively** with data
- Teach basic concepts, skills, and tools
 - **Enable**
 - **More productive**
- **≠** data expert on the Aug 12th
 - **How to get what you need**
 - Where to start
 - What to google

By the end of the course...

- How to retrieve data
- Why use remote computer
- How to organize your data
- How to manipulate your data
 - View
 - Analyze
 - Store
- How to find information you don't know

Next 2 days...

- Introducing:
 - Unix system
 - How to use remote computer: Amazon EC2
 - Shell
 - R
- How to extend what you learned:
 - Your own data
 - Other remote computer
 - Other tools

Free workshop...

- A learning experience
 - You
 - Us
- Before class survey
 - Where are you at right now?
- After class survey
 - How far did you go after 2 days?
- How can we **improve**?