What is Data Carpentry?

• **Objective:**
  – Work more *effectively* with data

• Teach basic concepts, skills, and tools
  – Enable
  – More productive

• ≠ data expert on the Aug 26\textsuperscript{th}
  – 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?