Week 1 Review

JupyterLab Interface

How do you…

1. Open the File Browser?
2. See what directory is open in the File Browser?
3. Open the Launcher?
4. Upload a file?
5. Download a file?
6. Rename a file?

Jupyter Notebooks

- What are the two main types of cells?

How do you…

1. Create a notebook?
2. Create a cell?
3. Change the cell type?
4. Delete a cell?
5. Know which cell is currently active?
6. Run the currently active cell?

Blockly

- What does Blockly help you do?
- What two things does Blockly generate for you?

How do you…

1. Open the Blockly Interface?
2. Convert blocks to runnable code?

Tabular Data & CSVs

- What does each row represent?
- What does each column represent?
- What does the first row often contain?
- What does CSV stand for?

How do you…

1. Create a CSV file?
2. View a CSV file in table format?

Reading CSVs in Jupyter Notebooks

- What does it mean to ”read a CSV”?
- What type of data structure do we store CSV data in?

How do you…

1. Read a CSV? (Hint: 3 substeps)

Scatter Plots

- Describe what a scatter plot looks like.
- What are scatter plots used for?
- What is the difference between independent and dependent variables?
- Which axis does the independent variable go on? Which axis does the dependent variable go on?

How do you…

1. Make a scatter plot? (Hint: steps & substeps)

Summary & Next Steps

- If you missed any, review the materials for each session or feel free to ask questions!

- Today's Session Topics
  - Line charts
  - Bar charts
  - Filtering a dataframe