

THANK YOU!

You've...

- Learned to think computationally and solve problems using the 7 step method.

You've...

- Learned to think computationally and solve problems using the 7 step method.
- Learned to generalize problem solving logic.

You've...

- Learned to think computationally and solve problems using the 7 step method.
- Learned to generalize problem solving logic.
- Learned to debug programs.

You've...

- Learned to think computationally and solve problems using the 7 step method.
- Learned to generalize problem solving logic.
- Learned to debug programs.
- Learned to define classes and understand object-oriented code.

You've...

- Learned to think computationally and solve problems using the 7 step method.
- Learned to generalize problem solving logic.
- Learned to debug programs.
- Learned to define classes and understand object-oriented code.
- Learned to work with the command line.

You've...

- Measured how diplomas affect earnings (won a Nobel prize!)

You've...

- Measured how diplomas affect earnings (won a Nobel prize!)
- Measured racial wage gap, racial and gender education gap, and shown how they are changing over time.

You've...

- Measured how diplomas affect earnings (won a Nobel prize!)
- Measured racial wage gap, racial and gender education gap, and shown how they are changing over time.
- Documented the relationship between national income and political institutions.

You've...

- Measured how diplomas affect earnings (won a Nobel prize!)
- Measured racial wage gap, racial and gender education gap, and shown how they are changing over time.
- Documented the relationship between national income and political institutions.
- Estimated effect of drug legalization on violent crime.

You've...

- Measured how diplomas affect earnings (won a Nobel prize!)
- Measured racial wage gap, racial and gender education gap, and shown how they are changing over time.
- Documented the relationship between national income and political institutions.
- Estimated effect of drug legalization on violent crime.
- Estimated the causal effect of opioid regulatory policies.

Most important insights often come from

Most important insights often come from

- Finding and combining new sources of data, and

Most important insights often come from

- Finding and combining new sources of data, and
- Measuring things that haven't been measured before.

You have the skills to bring evidence
to bear on the questions that matter to you.

You have the skills to bring evidence
to bear on the questions that matter to you.

- Work with dirty, real-world data,

You have the skills to bring evidence
to bear on the questions that matter to you.

- Work with dirty, real-world data,
- On your own computer,

You have the skills to bring evidence
to bear on the questions that matter to you.

- Work with dirty, real-world data,
- On your own computer,
- Even if the data is big.

You have the skills to bring evidence
to bear on the questions that matter to you.

- Work with dirty, real-world data,
- On your own computer,
- Even if the data is big.
- You can also move your workflow to the cloud,

You have the skills to bring evidence
to bear on the questions that matter to you.

- Work with dirty, real-world data,
- On your own computer,
- Even if the data is big.
- You can also move your workflow to the cloud,
- You have the tools to collaborate with others, get help, and contribute in the data science ecosystem.

You have the skills to bring evidence
to bear on the questions that matter to you.

- Work with dirty, real-world data,
- On your own computer,
- Even if the data is big.
- You can also move your workflow to the cloud,
- You have the tools to collaborate with others, get help, and contribute in the data science ecosystem.

None of these abilities depend on faculty setting up an environment for you.

Proud and empowered.

- Important for us

- **Important for us**

Both for improving this class, and for informing our other classes.

- **Important for us**

Both for improving this class, and for informing our other classes.

- **Important to MIDS**

Data → improve our teaching!

Evaluations

- **Important for us**

Both for improving this class, and for informing our other classes.

- **Important to MIDS**

Data → improve our teaching!

So please give these evaluations your attention for the next few minutes!

Evaluations

- **Important for us**

Both for improving this class, and for informing our other classes.

- **Important to MIDS**

Data → improve our teaching!

So please give these evaluations your attention for the next few minutes!

Free-response boxes are *especially* helpful!