# Class 07

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## **Agenda**

- Anatomy of a Project: Nick Hand, director of Finance, Policy, and Data, Office of the City Controller
- 10 minute break
- Working Groups
- Causality

## **Looking Ahead**

Next Week: Mid-point Draft Due (in GitHub).

#### Should include...

- Introduction and motivation.
- Clear definition of your question.
- Short literature review.
- Initial analysis and/or technical implementation.

Can be work in progress. Flag what your next steps are.

I'm looking for substantial technical progress. This will mean different things for each of you.

## **Looking Ahead**

- Next Week, 03-04: Mid-point Draft Due (in GitHub).
- 03-11 Spring Break
- 03-18 Mid-Point Presentations A
- 03-25 Review of two peer projects, Mid-Point Presentations B

### **Working Groups**

- A: GIS data wrangling in ArcMap
- B: GIS data wrangling in Python/R
- C: Building Interactive Tools / Markdown
- D: Using APIs / web tools
- E: Research question & statistical methods

Break into groups of 3-5.

Each person gets 10 minutes to discuss and actively debug.