Week 10

Forecasting

INFO 3402: Information Exposition

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Course Overview

Module	Week	Dates	Type	Skill
Shaping	1	Jan 11, Jan 13	Computation	Loading
	2	Jan 18, Jan 20	Computation	Aggregating
	3	Jan 25, Jan 27	Computation	Joining
	4	Feb 1, Feb 3	Computation	Tidying
Distribution	5	Feb 8, Feb 10	Computation	Histograms
	6	Feb 15, Feb 17	Communication	Audience
Comparison	7	Feb 22, Feb 24	Computation	Cat plots
	8	Mar 1, Mar 3	Communication	Persuasion
Trend	9	Mar 8, Mar 10	Computation	Time series
	10	Mar 15, Mar 17	~~Communication~~	~~Uncertainty~~
	11	Mar 22, Mar 24	Spring Break	
Relationship	12	Mar 29, Mar 31	Computation	Scatter plots
	13	Apr 5, Apr 7	Communication	Fallacies
Spatial	14	Apr 12, Apr 14	Computation	Choropleths
	15	Apr 19, Apr 21	Communication	Conventions
Projects	16	Apr 26, Apr 28	Projects	

Computation Forecasting

Readings

- Questions for Friday's Weekly Quiz 10 will be drawn from these readings
  - prophet Documentation. Quick start with Python. Deep skim for other functionality that looks interesting.
  - Jones (2020). Chapter 6: Pitfall 5: Analytical Aberrations.
  - Mauboussin (2018). How Likely do People Think It Is.
- Deep skim one article on communicating uncertainty

Weekly Assignment 10

- None! Enjoy your Spring Break and come back recharged for the final leg of the semester!

Module Assignment 04

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- Use Wikipedia data to tell a story about the production and/or demand for information about some topic or event
  - Current event, VIP, popular culture. anniversary, front page article, trending articles, comparing things
    - Russia-Ukraine conflict if you absolutely want, but it's not terribly original
  - You're welcome to use and explore anything in wikifunctions!
  - Explore other wikis like Conservapedia, Fandom, TVTropes, *etc*.
    - Change the endpoint and most wikifunctions should still work! (get_pageviews won't work outside of Wikipedia)

- 700 – 1000 words with at least one visualization

- Module Assignment 04 will be due on **Wednesday, March 30 by 11:59pm**
  - Wednesday after Spring Break
  - Submit URL of your Medium post to Canvas or save and submit as an HTML file
  - Tag your post on Medium with "INFO3402S22A4" and whatever other tags you'd like

Outline

- Describe why you or anyone might be interested in the topic
  - What's the tension or hook?
- Some background on Wikipedia and why you're looking at this metric
  - Article size, number of contributors, pageviews, *etc*.
- A visualization of at least property of a Wikipedia article (or several) changing over time
  - Extra credit for including annotations!
- Some discussion of the interesting features of the time series
  - Trends, patterns, anomalies, *etc*.
- Some discussion about what these findings reveal
  - Information seeking, production, biases, upending some conventional wisdom, *etc*.

Next class

Next Class

- Review concepts and exercises from last class
  - Complete “Thursday Questions” form! https://forms.gle/Dkg9C3AJoGdcFD6D8 (ungraded/optional)
- Time to brainstorm and work on Module Assignment 04
- Weekly quiz at the end of class (12:00–12:30)