Arjun Krishnan

Day07 Assignment

Due before class Wed, Dec 02

> Submit a PDF of your responses via Slack. Make sure your PDF's filename is `[FirstName]-[LastName]_Day-07_Assignment.pdf`

Part 1 – Try this short game and read the rest of the article

For this part, play the game at the top of the webpage https://www.nytimes.com/interactive/2015/07/03/upshot/a-quick-puzzle-to-test-your-problem-solving.html and also read the rest of the article in the same page that appears after you either click the `I think I know` button or the `I don't want to play; just tell me the answer` link.
NOTE: You do not need to read the article linked at the top called "RELATED ARTICLE".

Part 2 – Read this article

For the next part, read this article on How scientists fool themselves – and how they can stop: https://www.nature.com/news/how-scientists-fool-themselves-and-how-they-can-stop-1.18517
A PDF is available on the class website in the `Reading-materials` directory.

Part 3 – Write your reflections on the two articles

Write your reflections briefly on the above articles following the prompts below:

- Have you personally come across any one of these biases in your or any other person's work? Focus on describing the problem without identifying you or anyone else (which is not the point).
  - If so, how did you notice that bias?
- Is there any aspect of your research, your group's research, or research that you routinely read that may suffer from any one of these biases?
  - How might you change something specifically to prevent the bias in the future?
- Did you know about these biases before, especially in the context of scientific research?
  - How do you think we can help science learners and practitioners learn to spot and avoid these biases in their work?

Keep your entire response to 1 page.