

CS46N Student-Led Discussions Late October and early November

Each student is responsible for preparing and leading one 15-minute session during a CS46N class meeting. We'll have four class meetings set aside for four student-led discussions each. You should plan to have at most 5-7 minutes of formal presentation, leaving plenty of time for questions and open discussion.

We suggest you pick a topic that falls into one of the following four categories, though we're certainly open to proposals outside of these categories.

- **Data discoveries** -- A new discovery, decision, or advancement that would not have been possible without big data
- **Data fallacies** -- A mistake made or erroneous discovery (on purpose or not) based on big data
- **Data privacy** -- Ethics of collecting personal data and using it for another purpose, e.g., to influence consumerism, provide a general service, or assure public safety
- **Data analysis techniques** -- A technique not covered in class; could fall under databases, data mining, machine learning, statistical sampling, or anything else relevant to big data
- **Data analysis tools** -- An interesting tool not covered in class

We've been developing a list of possible topics in each of these categories and would be happy to share ideas with you.

Timetable and Planning

The four dates currently set aside for student-led discussions are October 29 and November 5, 17, and 19.

Each student is asked to submit by email an overview of their planned topic at least a week before their scheduled presentation, so we can give feedback and suggestions. Please send the email to both akashds@stanford.edu and widom@stanford.edu.

Of course in addition to preparing the write-up you are encouraged to come to office hours to get ideas, brainstorm, and discuss plans.