Review of Week 10

COGS1 - Winter 2018
Midterm 3 – This Friday!!! Week 10.

- Same format as Midterm 1 and 2. Bring your ID!
- Exam will cover weeks 7-10 + W6 Boyle Intro to Neural Nets. Not cumulative.
- Please fill out TA/IA and CAPE evaluations. 😊
Be sure to read (& watch) the materials assigned for all lectures covered on Midterm 3

Get some sleep 😊, it is very important for learning.
What is data science?
What is cognitive science?
What is “cognition”?
What is the link between data science and cognitive science?
Why did Voytek create branScanR? What did he do?
How does UBER make use of data? What predictions can be derived from data collected? How does that impact and inform their business model?

Discuss the merits associated with Google Translate? What makes it work well? What are the weak points?
Discuss the scale and quantity of data gathered on Facebook and other social media.
What are n-grams?
What is the Semantic Web? What are ontologies?
Compare and contrast the Brown Corpus with the Google Corpus. Why is “big data” so powerful?