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UC San Diego

Review of Week 8

COGS1 – Spring 2019

Midterm 3 in Lecture – THURSDAY Week 10

Quiz – H online at the end of week 9

- Quiz H will be on week 8 reading and lecture material.

9
May 28 – 30

Why some teams are smarter than others- NYT.

Dr. **Dow** (5/28)
TBA

**Activity Enriched Computing: Capturing and Mining Histories*

Dr. **Hollan** (5/30)
A Glimpse of Human Computer Interaction

*(*EC-Prereading quiz on TritonEd: Wednesday, May 29 @ 4pm – Thursday, May 30 @ 10am)*

Quiz H take-home-online-see details on TritonED. (Available Friday 5/31-Sunday 6/2).

Memorial Day- NO sections on Monday – however, section attendance for Wednesday and Friday sections are optional (Monday students welcome to attend other sections this week.)

- Midterm-3 is on THURSDAY during lecture of Week 10
 - Midterm-3 covers all material from weeks 7 – 10.

Extra-Credit Quiz – Hollan reading-Week 9

**Activity Enriched Computing:
Capturing and Mining Histories*

Dr. Hollan (5/30)

A Glimpse of Human Computer Interaction

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Voytek – Introduction to Data Science

1. What is data science?
2. Why are models important in data science, according to Dr. Voytek?
3. What is cognitive science according to Dr. Voytek?
4. What is “cognition”? Do other animals have cognition? Provide examples.
5. What is the link between data science and cognitive science? How does this apply to Parkinson's disease?
6. How does UBER make use of data?
 - a. What predictions can be derived from data collected? How does that impact and inform their business model?
7. Compare and contrast the Brown Corpus with the Google Corpus. Why is “big data” so powerful?
8. What are n-grams?
9. What is the Semantic Web? What are the main orthogonal problems?