

HUDK 5053: FEATURE ENGINEERING STUDIO

9/5/17 10:02 AM

What is a feature?

A feature is the specification of an attribute and its value (Kohavi & Provost, 1998)

A feature is an individual measurable property of a phenomenon being observed (Bishop, 2006)

Is a feature a covariate?

Is a covariate a feature?

What features might be related
to grades?

Today

- Course logic & structure
- Assessment
- What is a feature?



Syllabus

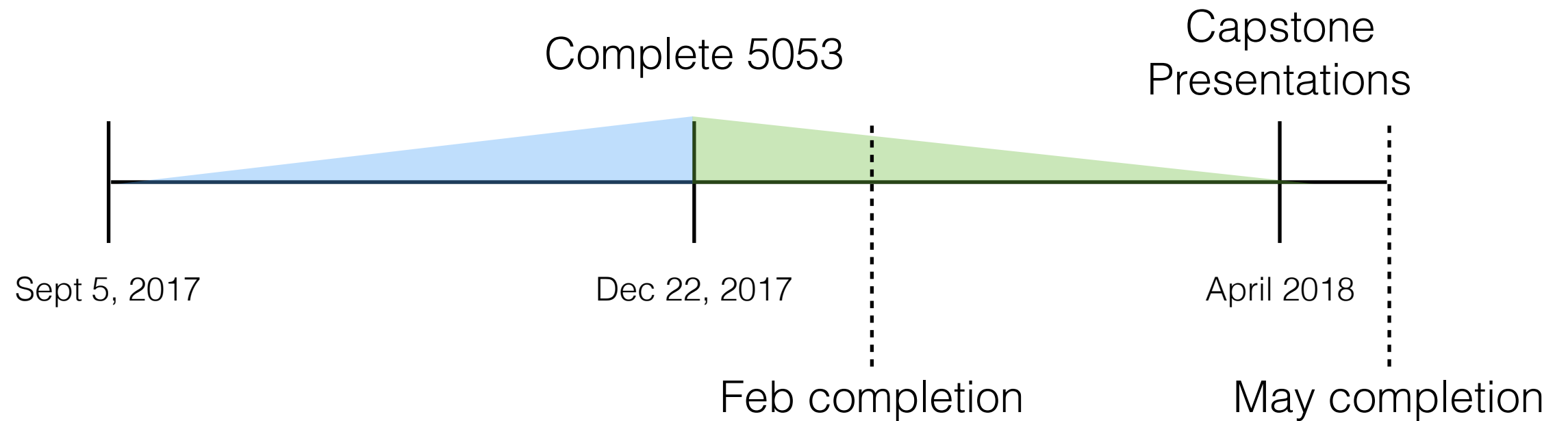
<https://github.com/feature-engineering-studio/syllabus>

Course Structure

- Develop a project based on a brief from an organization
- Projects are group based
- Organizations have been pre-organized for you
- Projects *should* become group-based capstone projects

“The requirements for a master’s degree shall normally include at least one of the following: passing a comprehensive test, writing a thesis based on independent research or completing an appropriate special project.”

Course Structure



Course Structure

- Tuesdays/Thursdays (early 🥲)
- Some flexibility in how this will work, dependent on placement demands

Course Logic

- To demonstrate to people outside TC that you can do stuff
- To launch your career in LA

5053 Assessment

Work

- LinkedIn account
up-to-date &
looking fly
- Github account
up-to-date &
looking fly

Content

- Data collection
project
- APIs
- AWS
- Meetup

Project

- Weekly meeting
- MOU
- Deliverable
description
- Timeline
- Task management
software

Capstone Assessment

- A deliverable defined in negotiation with your placement site
- Presentation of your work in April

Questions?

Survey

<http://bit.ly/2eH6jKa>



Due: 5pm Today, Sep 7, please take your time to read over all descriptions