## Project-based Learning in Data Science Kickoff

**Primary meeting time:** TU 1300-1415

**Other common free blocks:**

* TU 0800-1040 (if Dr. Frommer does not have Capstone meetings)
* TH 0925-1040 – I suggest we use 15 minutes of this for Stand-Ups (see below)
* F 1450-1540
* (TH 1300-1415 all except Justin)

**We will start the directed study off with a brainstorming session.**

1. **Ideation**
   1. **Write down as many ideas as you would like (one per stickie note) about any of the following:**
      1. your goals for yourself in this course
      2. specific content you would like to learn/cover
      3. general OR/Analytics and related skills you would like to gain/improve
      4. course admin ideas – e.g. meetings, presentations, etc.
2. **Clustering**
   1. As the ideation work slows down, we will begin clustering the stickie notes into groups having similar content/themes/etc.
   2. You may continue generating stickie note ideas during clustering
3. **Brainstorm a course road map**
   1. **Based on the clusters, we will come up plans for the course in terms of:**
      1. course content
      2. project ideas
      3. deliverables
      4. other aspects

**Next we will task ourselves using a “Kanban” board:**

* Write tasks on stickie notes
  + task should be well defined
  + a task is associated with one person only (has their initials on it and today’s date)
* Place tasks in To-Do column of Kanban board
* Next meeting we will:
  + share and assess progress of each task,
  + move each forward (hopefully) in the In-Progress column of the board, and
  + determine new tasks.

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**Stand-ups**

Stand-ups are brief (less than 15 minute) standing meetings used in the software development industry and others. Each person addresses the group with answers to these three questions:

1. What did I work on since the last meeting?
2. What am I working on today and up until the next meeting?
3. What issues are blocking me?

**I suggest we hold these within the Th 0925-1040 block, and other times if necessary.**