

# Week 1: Introduction to the Course

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*NOTE: class was held virtually on Zoom due to a snow storm*

## 1. KEY QUESTIONS

- What is this course about?
- Why are we teaching it?
- Why are students taking it?
- What knowledge and interest do people have already?
- What are expectations for the class?
- What will we be covering in this course?

## 2. BRIEF AGENDA

- Introductions
- Logistics & Expectations
- Course Overview
- Preview
- Dataquest Setup
- Break
- Installation
- Breakout Demo
  - Hello World for beginners
  - Diabetes Regression for coders

## 3. TIMELINE

- **5:50pm - 15 minutes:** Let folks trickle into the Zoom meeting
- **6:05pm - 10 minutes:** Introductions  
*Sook-Hee will call on people, Sejal will jot down some notes*
- **6:15pm - 10 minutes:** Logistics & Expectations  
*Sejal leads, Sook-Hee oversees*
- **6:25pm - 20 minutes** Course Overview  
*Sook-Hee and Sejal alternate leading and overseeing*
- **6:45pm - 10 minutes:** Preview >> What is Data Science? What is Biotech?  
*Sook-Hee facilitates Jamboard discussion, Sejal oversees*
  - What is the difference between data science and computer science?
  - What does a data science skillset look like and what distinguishes a data scientist from a data analyst or software engineer?
- **6:55pm - 15 minutes:** Preview >> Course Topics  
*Sejal leads, Sook-Hee oversees*

- **7:10pm - 5 minutes:** Dataquest Setup  
*Sook-Hee leads, Sejal oversees*
- **7:15pm - 25 minutes:** BREAK  
*Keep Zoom on; Ask a poll about how long students want break to be in the future*
- **7:40pm - 5 minutes:** Setup DS4B GitHub Organization  
*Sejal invites people to GH organization by username, Sook-Hee oversees the Zoom chat*
- **7:45pm - 30 minutes:** Breakout room demonstrations  
*Sook-Hee leads "Hello World" activity using Anaconda + JN*  
*Sejal oversees diabetes regression demo using JN and **sklearn***
- **Remaining time:** Bring everyone back >> verbally explain the homework >> class dismissed  
*Sook-Hee leads, Sejal oversees; Stick around for 1-on-1 interaction with lingering students*