Problem Set 0

6.871/HST.956
Due:
<u>Part 1</u>: Thur 2/6/20 at 11:59pm through [Google Form](). This should take at most 10 minutes.
<u>Part 2</u>: Sun 2/9/20 at 11:59pm through Stellar.

The purpose of this exercise is for you to get access to sensitive healthcare datasets. We split this pset into 2 parts:

Part 1: PhysioNet Username

For this part, please obtain a PhysioNet Username and send it to us. We need to send this to the PhysioNet staff *as early as possible to ensure your MIMIC application is processed correctly* so it is due earlier than the main pset. This process should take no more than 10 minutes. If you do not have an account, simply register at https://physionet.org/register/. Please, if available, use your MIT email address as your username. Then, simply submit your username here: https://forms.gle/iEAUPSD2NTPzU6ui9. If you already have registered previously, that is fine, still submit your username through the above form. ***This part is due earlier than part 2; it must be submitted before EOD Thursday, 2/6/20.*** We will allott five minutes during class on Thursday, 2/6/20, to complete this process.

Part 2: Data Access

For this part, we expect you to
1. Obtain CITI certification.
2. Apply for MIMIC access.

Once you complete both of these steps (details below), please zip your CITI completion report and submit it via Stellar. Do so before the deadline (Sunday, 2/9/20 at 11:59 p.m.)

CITI certification

You will need to complete the CITI "Data or Specimens Only Research" course. If you have already taken the course through MIT and it does not expire before the end of the course (May 2020), you may skip these steps. **Note: completing the CITI course may take several hours.**

1. Log into the [CITI site via the MIT portal]() (i.e. follow the link which is provided).
2. Register on the CITI program website, selecting "Massachusetts Institute of Technology (SSO)" as your organization affiliation (not "independent learner").
3. Follow the links to add a Massachusetts Institute of Technology Affiliates course. E.g. "View Courses", "Add a Course", then answer questions:
    1. "Data or Specimens Only Research:"
    2. "I have not previously completed an approved Basic Course."

      3. "No"
      4. Questions 4 - 7: Skip (leave unanswered)
4. Complete the course and save a copy of your completion report. The completion report lists all modules completed, with dates and scores. *You should allow several hours to complete this course!*
5. You will submit this completion report twice: once to PhysioNet (for MIMIC access) and once to the course staff (via Stellar).

MIMIC Access

Please complete the steps required to get access to MIMIC data outlined here. Please use your MIT email address username as your PhysioNetWorks username (otherwise, please email us your PhysioNetWorks username). One of the steps will require you to fill out a Data Use Agreement (DUA) where you will be asked for:
1. A reference name. Write David Sontag.
2. If asked for a phone number contact info, put 617-253-3476.
3. The general research area for which the data will be used: Write 6.871/HST.956.