Challenge Report: Lesson One

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Instruction

For this challenge question, we want you to provide your own answer to a Fermi estimation. Choose one of the following questions and upload your response into the Assignments folder. The ungraded estimation tutorial in Achieve may be helpful for this assignment.

Estimate the number of steps you take during a normal day on your college campus.

1. 3 Classes

2. 1 Lunch Break

3. 2 Trips to Vehicle

Assume 10 mins for a relaxed stroll between events.

$\text{Minutes}_{total} = (3_{Classes} + 1_{LunchBreak} + 2_{TripstoVehicle}) * 10,$
$60_{minutes} = 3600_{seconds},$
$1 second = 1 step,$
$CollegeDay_{steps=3600}$

0.1 Estimate

I estimate on an average day with 3 classes, 1 Lunch Break, and 2 trips to get to and fro the vechicle a student will walk around 3600 steps a day. We expect you to state all assumptions and estimations needed to determine your final answer. Also, this is your estimate, not a 'correct' or measured answer. So don't just tell me what your Fitbit read at the end of the day for Choice 1. That is not the point (and I would only give you 1/5 if you did that).