

# MA213 L3

## P1: Project 1

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OpenIntro Statistics, 4th Edition

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## L3 : Simulation and Probability

- *Previously:* What we learend from last time
- *This time:* What we are learing today
- *Deadlines/Announcements:* Quiz / Exercise / Explain / after work?

# Lesson Plan

- xx min
- xx min
- xx min

# Learning Objectives

- How to use Rmd to submit?
- Data summarization
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## Learning Objectives Con't

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## Excercise using R

1. Show lists of dstn functions in R
2. Generate random sample from different group/individual depending on the context
3. how to obtain  $E(X)$ ,  $Var(X)$  in R?
4. Generate sample of  $a + bX$
5. Obtain  $E(a + bX)$ ,  $Var(a + bX)$  and compare from R and theoretical values

go over from 2, ..., 5 for  $X + Y$