Curriculum Overview

Week 1

Day 1

- R: basics; atomic vectors; simple functions
- Data science: UN infant mortality data & Galton height data; simple linear regression, plotting results, adjusted R-squared

Day 2

- R: names, lists, data frames; subsetting; miscellaneous exercises
- Data science: Galton height data, States data, MCAS data, etc.; more linear regression, stepwise regression, corrplot

Day 3

- R: stylistic tips; factors, attributes, matrices; functional programming (*apply functions)
- Data science:

Day 4

- R:
- Data science:

Day 5

- R:
- Data science:

Week 2

Day 1

Day 2

Day 3

Day 4

Day 5

Week 3

Day 1

Day 2

Day 3

Day 4

Day 5

Week 4

Day 1

Day 2

Day 3

Day 4

Day 5

Week 5

Day 1

Day 2

Day 3

Day 4

Day 5

Week 6

Day 1

Day 2