

# 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: test

### 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**