

# COMPSCIX 415.2 Homework 5/Midterm

*Santosh Kanutala*

*7/5/2018*

## Contents

Github location . . . . .	1
RStudio and R Markdown . . . . .	1
Question: 1 . . . . .	2
The tidyverse packages . . . . .	2
Question: 1 . . . . .	2
Question: 2 . . . . .	2
R Basics . . . . .	2
Question: 1 . . . . .	2
Question: 2 . . . . .	2
Question: 3 . . . . .	2
Data import/export . . . . .	2
Question: 1 . . . . .	2
Question: 2 . . . . .	2
Visualization . . . . .	2
Question: 1 . . . . .	2
Question: 2 . . . . .	2
Question: 3 . . . . .	2
Data munging and wrangling . . . . .	2
Question: 1 . . . . .	2
Question: 2 . . . . .	2
Question: 3 . . . . .	2
EDA . . . . .	2
Question: 1 . . . . .	2
Question: 2 . . . . .	2
Question: 3 . . . . .	2
Question: 4 . . . . .	2
Question: 5 . . . . .	2
Question: 6 . . . . .	2
Git and Github . . . . .	2

## Github location

My homework assignments can be found at <https://github.com/santumagic/compscix-415-2assignments.git>

## RStudio and R Markdown

```
# Load the required packages
library(tidyverse)
library(mdsr)
library(nycflights13)
```

Question: 1

## The tidyverse packages

Question: 1

Question: 2

## R Basics

Question: 1

Question: 2

Question: 3

## Data import/export

Question: 1

Question: 2

## Visualization

Question: 1

Question: 2

Question: 3

## Data munging and wrangling

Question: 1

Question: 2

Question: 3

## EDA

Question: 1

Question: 2

Question: 3

Question: 4

Question: 5

Question: 6

## Git and Github