Statistics for Data Science

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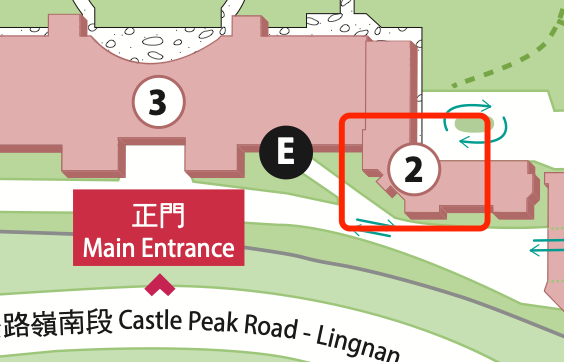
# General

meet her at office time at Wong Administration Building

Office Hour:

Tuesday 11:00 am - 12:30 pm 14:00 pm - 15:00 pm

Thursday 15:30 pm - 16:00 pm



## Assessment

attendance and participation 10%

Assignments 40%

Examination 50%

GAI is NOT permitted in assignment, case study and examination in this course.

## Required/Essential Readings

I think better to practice other than read of this course

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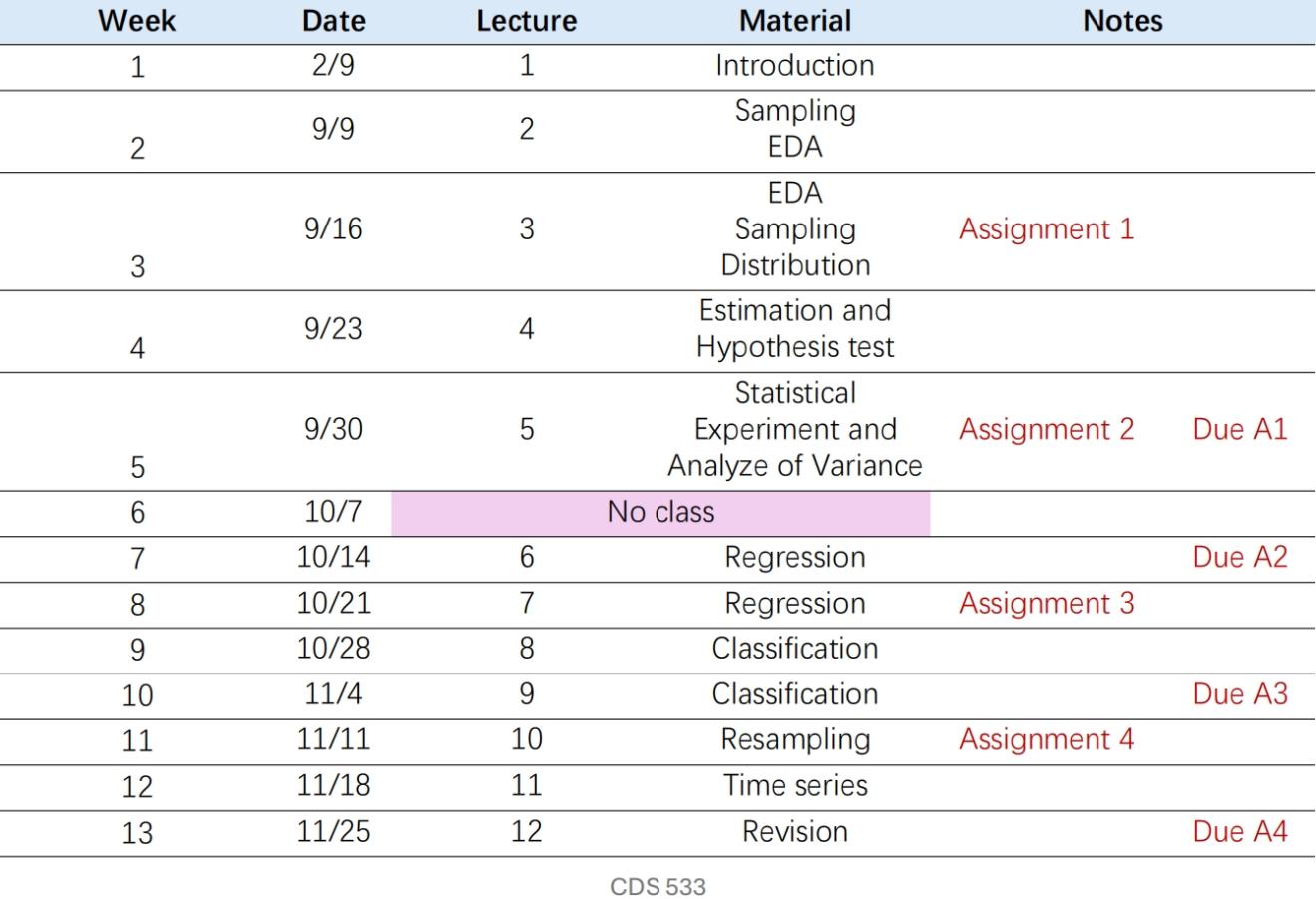
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# Week 1 Lecture 1

## Tentative Schedule



# Week 2 Lecture 2

## What is computation in programming

writing functions to dealing inputs to generate outputs

# Week 3 Lecture 3

## Software Development Process

## Python Data Types

Getting the Data Type

print(type(x))

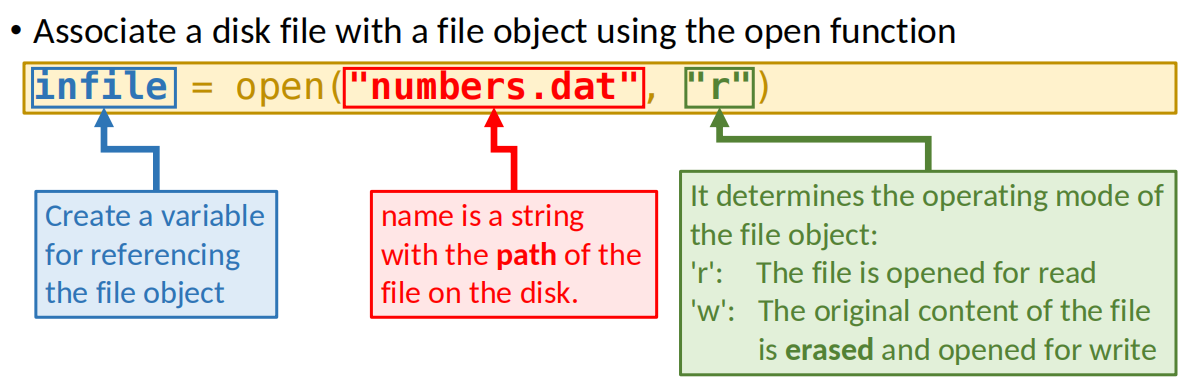
# Week 4 Lecture 4

## OOP: Object Oriented Programming

variables are classified and managed in object with fields and functions inside

# Week 5 Lecture 5

## File Processing



# Week 6 Lecture 6

## Lists vs String

A list is very similar to a string. In fact, string is a special version of list.

Lists are mutable, meaning they can be changed. Strings cannot be

changed.

counts[w] = counts[w] + 1

# Week 7 Lecture 7

## Mann-Whitney U-Test

The Mann-Whitney U-Test is non-parametric counterpart to the t-test for

independent samples.