

Stat 345 Homework, Spring 2019:

Homework of Stat 345 by 7th Edition, Applied Statistics and Probability for Engineers.

Assignment 1: Due Tuesday 01/29/2019

Chapter 2, 2.1.4, 2.1.13, 2.1.17, 2.3.1, 2.3.3, 2.3.8, 2.4.2, 2.4.3

Chapter 2, 2.6.1, 2.6.3, 2.6.5, 2.6.7, 2.6.6, 2.7.4, 2.7.7, 2.7.12, 2.8.1, 2.8.3, 2.9.2, 2.9.1

Assignment 2: Due Tuesday 02/05/2019

Section 3.1: 3.1.2, 3.1.5, 3.1.8

Section 3.2: 3.1.9, 3.1.16

Section 3.3: 3.2.7

Assignment 3: Due Tuesday 02/12/2019

Section 3.4: 3.3.3, 3.3.7, 3.3.8

Section 3.5: 3.4.2, 3.4.4

Section 3.6: 3.5.1(a-d), 3.5.5, 3.5.6, 3.5.12, 3.5.13

Assignment 4: Due Thursday 02/21/2019

Section 3.7: 3.6.2, 3.6.5

Section 3.8: 3.7.3, 3.7.6

Section 3.9: 3.8.1, 3.8.3, 3.8.6

Assignment 5: Due Thursday 03/07/2019

Section 4.2: 4.1.4, 4.1.6

Section 4.3: 4.2.1 (change $F(x) = 0.25x, 0 \leq x < 5$ to $F(x) = 0.2x, 0 \leq x < 5$)

Section 4.4: 4.3.2, 4.3.1, 4.3.7

Assignment 6: Due Tuesday 03/26/2019

Section 4.5: 4.4.3

Section 4.6: 4.5.1, 4.5.7, 4.5.14

Section 4.7: 4.6.1, 4.6.4

Section 4.8: 4.7.1, 4.7.3, 4.7.5, 4.7.11, note that 4.7.11 (f) need to change to “explain the relationship between the results in part (d) and (e)”. instead of “explain the relationship between the results in part (a) and (b)”.

Assignment 7: Due Tuesday 04/02/2019

Chapter 5

Section 5.1: 5.1.2

Section 5.2: 5.4.1, 5.4.7

Section 5.3: 5.5.1

Section 5.4: 5.6.2

Assignment 8: Due Tuesday 04/09/2019

Chapter 6

Section 6.1: 6.1.6, 6.1.14

Section 6.2: 6.2.4, 6.2.8, 6.2.12

Section 6.3: 6.3.4, 6.3.6

Section 6.4: 6.4.2, 6.4.4, 6.4.6

Assignment 9: Due Tuesday 04/16/2019

Chapter 7

Section 7.1 and 7.2: 7.2.2, 7.2.4, 7.2.6, 7.2.7, 7.2.10

Section 7.3: 7.3.8

Assignment 10: Due Tuesday 04/23/2019

Chapter 8

Section 8.1: 8.1.2, 8.1.3

Section 8.2: 8.2.2, 8.2.4

Section 8.4: 8.4.6

Assignment 11: Due Tuesday 04/30/2019

Chapter 9

Section 9.1: 9.1.4, 9.1.12

Section 9.2: 9.2.4

Section 9.3: 9.3.8, 9.3.11, 9.3.13

Section 9.5: 9.5.1, 9.5.5

Homework of Stat 345 by 6th Edition, Applied Statistics and Probability for Engineers.

Assignment 1: Due Jan 29 Tuesday in class

Chapter 2, 6, 19, 23, 59, 63, 70, 82, 89

Chapter 2, 121,123,125,127,130,146,149,156,171,173,182, 183

Assignment 2: Due Tuesday 02/05/2019

Section 3.1: 3.4, 3.7, 3.14

Section 3.2: 3.16, 3.28

Section 3.3: 3.49

Assignment 3: Due Tuesday 02/12/2019

Section 3.4: 3.59, 3.65, 3.68

Section 3.5: 3.76, 3.78

Section 3.6: 3.91 (a-d), 3.99, 3.100, 3.108, 3.109

Assignment 4: Due Thursday 02/21/2019

Section 3.7: 3.122, 3.125

Section 3.8: 3.145, 3.148

Section 3.9: 3.157, 3.159, 3.166

Assignment 5: Due Thursday 03/07/2019 Chapter 4

Section 4.2: 4.5, 4.9

Section 4.3: 4.17 (change $F(x) = 0.25x, 0 \leq x < 5$ to $F(x) = 0.2x, 0 \leq x < 5$)

Section 4.4: 4.36, 4.37, 4.47

Assignment 6: Due Tuesday 03/26/2019 Section 4.5: 4.55

Section 4.6: 4.63, 4.78, 4.84

Section 4.7: 4.95, 4.98

Section 4.8: 4.113, 4.116, 4.117, 4.127, note that 4.127 (f) need to change to “explain the relationship between the results in part (d) and (e)”. instead of “explain the relationship between the results in part (a) and (b)”.

Assignment 7: Due Tuesday 04/02/2019

Chapter 5

Section 5.1: 5.3

Section 5.2: 5.33, 5.43

Section 5.3: 5.49

Section 5.4: 5.64

Assignment 8: Due Tuesday 04/09/2019

Chapter 6

Section 6.1: 6.8, 6.24

Section 6.2: 6.30, 6.38, 6.44

Section 6.3: 6.50, 6.54

Section 6.4: 6.68, 6.70, 6.76

Assignment 9: Due Tuesday 04/16/2019

Chapter 7

Section 7.1 and 7.2: 7.6, 7.10, 7.12, 7.13, 7.18

Section 7.3: 7.36

Assignment 10: Due Tuesday 04/23/2019

Chapter 8

Section 8.1: 8.3, 8.5

Section 8.2: 8.24, 8.26

Section 8.4: 8.68

Assignment 11: Due Tuesday 04/30/2019

Chapter 9

Section 9.1: 9.6, 9.26

Section 9.2: 9.36

Section 9.3: 9.64, 9.72, 9.76

Section 9.5: 9.90, 9.100