From textbook: Fundamentals of Machine Learning for Predictive Data Analytics: Algorithms, Worked Examples, and Case Studies from MIT Press 2015, do following exercise:

1. (15%) Chapter 2, exercise 7
2. (15%) Chapter 3, exercise 5
3. (15%) Chapter 3, exercise 6
4. (15%) Chapter 3, exercise 7
5. (15%) Chapter 3, exercise 9
6. (25%, coding assignment) Based on the data “housing.csv” we demo at our lecture, could you apply whatever data exploration tools to explain, visualize, and provide your insights for this dataset? We will judge your answer based on how deeper insights you can present.