1. What is the typical goal of Data Mining?
   1. The typical goal of data mining is to determine meaningful relationships, patterns, trends within data to help predict future data.
2. What are the three fields used in Data Mining?
   1. The three fields used in data mining are statistics, artificial intelligence, and machine learning.
3. What are the 6 steps in Data Mining?
   1. Outlining your business goals
   2. Understanding your data sources
   3. Preparing data
   4. Analyzing data
   5. Reviewing results
   6. Deployment/Implementation
4. Is more data always better? Explain.
   1. More data is not always better. This is because an entity can collect large sets of data, but if they do not use that data to produce actionable insights, then it doesn’t matter.
5. What are the 4 main types of data structures in R?
   1. The four main types of data structures in R are vectors, lists, matrices, and data frames.
6. What does the $ mean in R if it is after a data frame?
   1. The $ after a data frame will allow us to grab a column of data by following the $ with a column name.
7. Write down any questions you have about this topic.
   1. How is artificial intelligence used in data mining? What’s an example?