CSSE 386 – Data Mining with Programming
Rose-Hulman Institute of Technology

Quiz 01

Name (Print):_____   Section:_____

1. Who is a pioneer of Exploratory Data Analysis?.

   a.) Marc Zuckerberg

   b.) John Tukey

   c.) William Cleveland

2. When Python and R were first released?

   a.) 1980

   b.) 1960

   c.) 1990

   d.) 2000

3. What are the three V of Big Data? Select three!

   a.) Value

   b.) Volume

   c.) Variable

   d.) Velocity

   c.) Variety

4. What are the steps of the Data Mining Cycle?

   1.)

   2.)

   3.)

   4.)

   5.)

5. Which Processing Unit will you use for working with AI and cloud computing?

   a.) CPU

   b.) GPU

   c.) T4 GPU

   d.) TPU

6. Which library will you use for visual analysis?

   a.) matplotlib

   b.) pandas

   c.) os

   d.) numpy

7. Describe the difference between Data Mining and Machine learning in your own words:

8. What is the alternative name for columns in the data frame?

   a.) instances

   b.) features

   c.) dataset

   d.) matrix

9. Decision tree is the method developed from which field?

   a.) Statistics

   b.) ML

   c.) AI

10. Linear and Logistics regressions are the methods developed from which field?

   a.) Statistics

   b.) ML

   c.) AI