CIS 635 Data Mining Name \_\_\_Dhynasah Cakir\_

Homework 3

Hand in sheet

Write in or copy and paste the answers for the following:

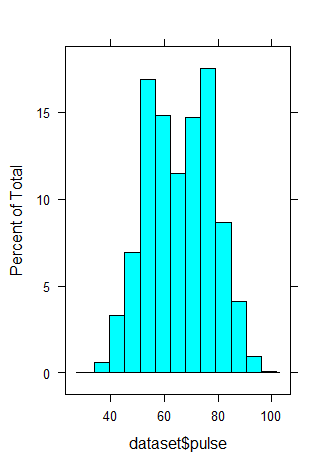
**Part A**

1. a \_\_65.7\_\_\_\_\_  
     
   b group 1 \_\_\_66.3\_\_\_\_\_\_ group 2\_\_\_\_73.5\_\_\_\_ group 3\_\_\_\_84.7\_\_\_
2. \_\_105 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_temperature and gender\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Part B**

1. a. \_\_\_\_\_\_5000\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
     
   b. \_\_\_\_\_\_\_\_\_\_51% chance\_\_\_  
     
   c. \_\_\_\_\_\_\_\_\_\_\_95%\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. a. attach to this document b. generally yes. But the pulse histogram does have a slight bimodal appearance.
3. a – d. attach to this document e. \_\_\_\_\_\_heart rate\_\_\_\_\_\_\_\_\_\_\_\_\_
4. a. attach to this document b. \_\_\_\_\_\_\_\_\_\_\_\_yes. It seems most of those with the virus have a higher heart rate.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. a – b. attach to this document c. \_\_\_\_no. not really the number are too close to tell. \_\_

A screenshot of a video game

Description automatically generated

A screenshot of a social media post

Description automatically generatedA screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated A screenshot of a cell phone

Description automatically generated

A screenshot of a cell phone

Description automatically generated

|  |  |  |  |
| --- | --- | --- | --- |
|  | Virus | |  |
| Gender | N | | Y |
| F | 1127 | | 1430 |
| M | 1315 | | 1128 |
|  | | Virus | | |  |
| Age Group | | N | | | Y |
| 1 | | 828 | | | 837 |
| 2 | | 798 | | | 825 |
| 3 | | 816 | | | 896 |