Mono County Behavioral Health Staff Services Analyst I Supplemental Questionnaire

**Instructions:**

- Your responses to this supplemental questionnaire will be considered as a small part of your overall interview.
- If you do not presently have the skills to complete this supplemental questionnaire, but feel that you would be able to learn them quickly with training, please instead be prepared to tell the interview panel about your motivation to learn and your experience learning other technical skills.
- Using Microsoft Excel, Google Sheets, pencil and paper, or another tool, please answer questions 1-5 below using the dataset on the following page (this data is also in the attached Excel Spreadsheet) and submit along with your application.
- Please be prepared to give a three- to five-minute presentation of your findings during your interview.
- If you have any questions about this supplemental questionnaire, please contact Amanda at agreenberg@mono.ca.gov.

**Background Information:**

- The information above is an imaginary data set reflecting demographic information and anxiety levels over the course of fiscal year (FY) 2019-2020
- Our department regularly uses data trends like this to help design clinical interventions and create programs to meet identified needs.
- In the anxiety scale used 1 is low and 5 is high
- Quarter 1 = July 1-Sept 30 2019
- Quarter 2 = Oct 1-Dec 31 2019
- Quarter 3 = Jan 1 -March 31 2020
- Quarter 4 = April 1-June 30 2020

**Questions:**

1. Please create a labeled graph displaying gender. Be prepared to verbally explain why you chose this graph.
2. What is the average age of the clients in this data set?
3. Please create a graph displaying Client 6's levels of anxiety over time.
4. Please create a table that displays the count of clients broken out by the following age groups
   a. Youth (ages 0-14)
   b. Transition Age Youth (15-25)
   c. Adults (26-59)
   d. Older Adults (60+)
5. Please identify one trend in this data that you think may be of interest and display that trend in a graph or other format. Be prepared to present why you think it's something our department would want to pay attention to.

| | | | FY 19-20 | FY 19-20 | FY 19-20 | FY 19-20 |
|---|---|---|---|---|---|---|
| Client # | Client Gender | Client Age | Quarter 1 Anxiety Levels | Quarter 2 Anxiety Levels | Quarter 3 Anxiety Levels | Quarter 4 Anxiety Levels |
| 1 | M | 44 | 1 | 2 | 2 | 1 |
| 2 | F | 31 | 1 | 2 | 3 | 1 |
| 3 | Non-conforming | 24 | 3 | 2 | 4 | 2 |
| 4 | F | 37 | 1 | 1 | 2 | 1 |
| 5 | F | 33 | 1 | 2 | 3 | 2 |
| 6 | F | 16 | 2 | 3 | 4 | 2 |
| 7 | M | 22 | 3 | 3 | 4 | 2 |
| 8 | Non-conforming | 17 | 5 | 5 | 5 | 4 |
| 9 | F | 61 | 1 | 2 | 3 | 2 |
| 10 | M | 15 | 4 | 3 | 5 | 3 |

Client Data Set
(this data is also available in an Excel Spreadsheet attached to the job description)