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| Data Science Academy Bootcamp | | | | | | | | | |
| Final exam | | | | | | | | | |
| **Name ,Surname:** | Shahin Mammadov | | Date: | | 11/20/2022 | | | | |
| **Exam:** Tableau | |  | |  | | |  | | |
| **Instructions:** You will be given ***1 hour and 30 minutes*** to complete examination. There are 2 parts and 3 types of questions including: True/False, Multiple choice, and Practical.  **First part** will last ***30 minutes****,* and you must write answers directly on exam paper. Internet search is **not** permitted.  **Second part** is Practical question and will last ***60 minutes***. It is your responsibility to submit your exam answers electronically to [homework@dsa.az](mailto:homework@dsa.az) with **“Tableau Final Exam”** subject.  Before you leave examination you **MUST** contact mentor to confirm that you have submitted your examination.  Good Luck! | | | | | | | | | |
| **PART 1: TRUE/FALSE** | | | | | | | | |
| **Directions: Read each statement below carefully. Place a**  **mark on the “True” cell if you think a statement is TRUE, and on the “False” cell if you think the statement is FALSE.** | | | | | | | | |
|  | | | | | | True | | False |
| 1. For calculating age we use **DATEDIFF(‘year’, Today(), [Birth date])** function (2 points) | | | | | |  | | X |
| 2. Discrete values are shown as green pills on the shelves and blue icons in the data window. (2 points) | | | | | | X | |  |
| 3. LOD is used to run complex queries involving many dimensions at the data sourcing level (3 points) | | | | | | X | |  |
| 4. Dual axis allows you to compare 2 measures at once (3 points) | | | | | | X | |  |
| 5. Sets can be made on Measures (3 points) | | | | | |  | | X |

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| **PART 2: MULTIPLE CHOICE** |
| **Directions: Read each question carefully, and then place a + next to the answer that best fits the question.** |
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| 1. To connect to multiple tables in a single data source at one time, what must be specified? (3.5 points)   a. A blend  b. A calculation  c. A join  d. A hierarchy   1. What is sets? (3.5 points)    1. Category purpose    2. Purpose based on some condition.    3. Calculation field possible in sets 2. Considering data confidentiality, which tableau product is the best choice for showing your real time Tableau  dashboards to C-level manager? (4 points)    1. Tableau Reader    2. Tableau Prep    3. Tableau Server    4. Text, application        Description automatically generated with medium confidenceTableau Public 3. Which graph makes it easier to determine which investment has greater market share? (4 points)      * 1. Option A   2. Option B  1. A third-grade school teacher wants to build a view showing only the students in his class that also attend the after-school program. The class table is on the left and contains data for all the students in the third-grade class. The After-school table is on the right and contains data for all the students in the school program. Which of the following join types is the best for building a chart for the given scenario? (5 points)    * 1. full outer join      2. right join      3. inner join      4. left join |
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