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SDAIA ML Week 1 Quiz

1) Which plot is best suited to represent the daily number of cases of COVID-19?   **10 ⭐**

○ Histogram

○ Line Chart

○ Pie Chart

○ **All of the above**

2) When filling rows having null values, what's the best aggregate we can go for: **10 ⭐**

○ Median

○ **Mean**

○ Count

○ All of the above

3) The goal of standardization is to make the variable range between 0 and 1.   **10 ⭐**

○ True

○ **False**

4) Which of the following is NOT considered data manipulation?   **10** ⭐

○ Subsetting

○ Cross Tabbing

○ **Visualization**

○ None of the above

5) Grouping the data by a variable for the rows, a variable for the columns, and then aggregating is called cross tabbing.   **10** ⭐

○ **True**

○ False

6) We can represent a _____ as a tree-like structure.   **10** ⭐

○ Relational Database

○ Non-Relational Database

○ **Hierarchical Database**

○ Data Warehouse

7) The ELT approach used in Data Warehouses is better for security purposes.   **10** ⭐

○ **True**

○ False

8) When we take data from a humidity sensor every 15 minutes, we are dealing with:

10 ★

○ Tabular Data

○ **Time Series Data**

○ Image Data

○ Text Data

9) When we put a CCTV camera outside of our house to avoid burglaries, we are dealing with:

10 ★

○ Image Data

○ Time Series Data

○ **Video Data**

10) A DataBase Management System (DBMS) is a tool to store our data.

10 ★

○ **True**

○ False

◢ Submit Test

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