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| **Quiz#1-A** | | | |
| **Topic:** | Module 1: Descriptive Statistics : Data Type | **Week No.** |  |
| **Course Code:** | ITEP 203 | **Term:** | 1st Semester |
| **Course Title:** | Quantitative Method including Modeling and Simulation | **Academic Year:** | 2021-2022 |
| **Student Name** |  | **Section** |  |
| **Due date** |  | **Points** | **20** |

This learning activity will help attain the intended learning outcomes of this module and will solidify the objectives of the module.

**DATA TYPES:**

**QUESTION:** For each variable below, identify each as either **quantitative** or **categorical**.

**ANSWER CHOICES:**

1. Zip Code
2. Age
3. Income
4. Marital Status (Single, Married, Divorced, etc.)
5. Height

|  |  |
| --- | --- |
| **Variable** | **Data Type** |
| 1. Quantitative |  |
| 1. Quantitative |  |
| 1. Categorical |  |
| 1. Quantitative |  |
| 1. Categorical |  |

**QUESTION:** For each variable below, identify each as either **quantitative** or **categorical**.

**ANSWER CHOICES:**

1. Letter Grades (A+, A, A-, B+, B, B-, …)
2. Travel Distance to Work
3. Ratings on a Survey (Poor, Ok, Great)
4. Temperature
5. Average Speed

|  |  |
| --- | --- |
| **Variable** | **Data Type** |
| 1. Categorical |  |
| 1. Quantitative |  |
| 1. Quantitative |  |
| 1. Categorical |  |
| 1. Quantitative |  |

**NOMINAL VS ORDINAL**

Top of Form

This quiz will assure you have a clear understanding of the differences between categorical nominal vs. categorical ordinal variables. All of the variables below are categorical. Your task is to select the **check** box next to each variable that is **nominal**; do not check the ordinal categorical variables.

1. Letter Grades (A, B+, B, B-, etc.)

2. Types of Fruit (Apple, Banana, etc.)

3. Ratings on a Survey (Poor, Ok, Great)

4. Types of Dog Breeds (German Shepherd, Collie, etc.)

5. Genres of Movies (Horror, Comedy, etc.)

6. Gender

7. Nationality

8. Education (HS, Associates, Bachelors, Masters, PhD, etc.)

Bottom of Form

**Reminders:**

1. AVOID PLAGIARISM, include the source/reference of the performance task output.
2. Save your quiz as **M2Q2A**-[Section]-[Surname] e.g. **M2Q2A-2F-BERNARDINO**