

Section 4 Quiz – DataFrames I - Introduction

1. A DataFrame is a `_`-dimensional data structure.
 - a. 1
 - b. 2**
 - c. 3
2. Assume you have a `df` variable storing a DataFrame. What syntax will extract the Person's Age column from the DataFrame?
 - a. `df.Person's Age`
 - b. `df("Person's Age")`
 - c. `df["Person's age"]`
 - d. `df["Person's Age"]`**
3. What argument for the `how` parameter of the `dropna` method removes rows where every value is NaN?
 - a. "any"
 - b. "all"**
 - c. "missing"
4. How can you customize the sort order for different columns in a multi-column DataFrame sort?
 - a. Pass a dictionary to the `ascending` parameter with keys representing column names and the values representing their sort order.
 - b. Pass a list to the `ascending` parameter with list elements representing sorts for the respective column names in the `by` parameter.**
 - c. Pass a list to the `sort_order` parameter with list elements representing sorts for the respective column names in the `by` parameter.
5. What method converts a Series' values to another type?
 - a. `transform`
 - b. `coerce`
 - c. `convert`
 - d. `astype`**
6. What method replaces NaN values with a specified value?
 - a. `drop_na`
 - b. `swap`
 - c. `fill_na`**
 - d. `replace_na`