1. What are some strategies data professionals use to understand the source of a dataset? Select all that apply.

1 / 1 point

☐ Give extra weight to duplicate records to highlight the multiple responses.

☑ If questions arise during discovery, contact the data engineers for information.

✓ Correct

☑ Confirm the database owners have experience storing data.

✓ Correct

☐ Verify the data source to ensure it will align with stakeholder beliefs.

2. Fill in the blank: A data storage file saved in a JavaScript format, also known as a _____ file, may contain nested objects.

1 / 1 point

○ CSV
○ JPG
○ spreadsheet
⊙ J-SON

✓ Correct

3. What type of data is gathered from inside a company's own organization?

1 / 1 point

○ Third-party
⊙ First-party
○ Second-party
○ Fourth-party

✓ Correct

4. Which of the following statements correctly uses the `head()` function to return the first 10 rows of a dataset?

1 / 1 point

○ `df.head(rows=10)`

○ `head=10`

○ `df.head(10.df)`

◉ `df.head(10)`

✓ Correct

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5. Which of the following statements will assign the name `Chicago Neighborhoods` to a bar graph in Python?　　　　1 / 1 point

○ `plt.xlabel("Chicago Neighborhoods")`

○ `plt.name("Chicago Neighborhoods")`

○ `plt.show("Chicago Neighborhoods")`

◉ `plt.title("Chicago Neighborhoods")`

✓ Correct

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6. A data professional types the following partial code:　　　　1 / 1 point

`locationmode ='Indonesia'`

`fig.update_layout(title_text = 'Languages',`

`geo_scope='Indonesia', )`

`fig.show()`

Which element of the code is used to render a graphic of the plot?

◉ `fig.show()`

○ `fig.update_layout`

○ `geo_scope=`

○ `title_text =`

✓ Correct

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7. Which structuring method aggregates individual observations of a variable into buckets?　　　　1 / 1 point

◉ Grouping

○ Merging

○ Filtering

○ Slicing

✓ Correct

8. Fill in the blank: A _____ is a data visualization that depicts the locality, spread, and skew of groups of values within quartiles.

○ scatter plot

○ Gantt chart

◉ box plot

○ density map

✓ Correct