Data Science & Analytics: Problem Solving with Big Data
Pre-Assessment

Section 1: Please select the correct answer for each of the following questions:

1. What is the difference between user actively provided data and user passively provided data?
   a. User actively provided data means the user understands that data is being collected while user passively provided data means they might not know data is being collected.
   b. User actively provided data means the user might not know data is being collected while user passively provided data means the user understands that data is being collected.
   c. They both mean the same thing.
   d. None of the above.

2. What is an example of data?
   a. Results from a survey
   b. “Clicks” on a Facebook advertisement
   c. Downloads of an app
   d. All of the above
   e. None of the above

3. What is a reason a company would **not** collect data?
   a. To attract new customers
   b. To help their competitors
   c. To improve their products
   d. To address current customers’ needs
Section 2: Please choose the number on the scale that best indicates how strongly you agree or disagree with the following statements:

<table>
<thead>
<tr>
<th>Strongly disagree</th>
<th>Strongly agree</th>
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<tbody>
<tr>
<td>1</td>
<td>5</td>
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- I understand what data is and how companies use it to solve problems.
- I feel confident in my ability to learn more about data.
- I am interested in learning more about data.

Section 3: Please select from the choices below:

1. Circle your grade level.
   - K
   - 1
   - 2
   - 3
   - 4
   - 5
   - 6
   - 7
   - 8
   - 9
   - 10
   - 11
   - 12

2. Select the sentence that best describes you.
   - a. I am a boy.
   - b. I am a girl.
   - c. Prefer not to answer.
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