



✓ **Congratulations! You passed!**

TO PASS 80% or higher

Keep Learning

GRADE
100%

Week 4 Assessment

LATEST SUBMISSION GRADE

100%

1. Which of the following are factors that are used to assess algorithm complexity?

1 / 1 point

- ☐ Sensitivity
- ☐ Specificity
- ☒ Implementation Difficulty

✓ **Correct**

Correct! Implementation Difficulty is part of assessing algorithm complexity.

- ☒ Computation Time

✓ **Correct**

Correct! Computation Time is part of assessing algorithm complexity.

- ☐ Data Type Availability
- ☐ Data Value Consistency

2. Which of the following are factors that are used to assess algorithm portability?

1 / 1 point

- ☐ Sensitivity
- ☐ Specificity
- ☐ Implementation Difficulty
- ☐ Computation Time
- ☒ Data Type Availability

✓ **Correct**

Correct! Data type availability is part of determining algorithm portability.

- ☒ Data Value Consistency

✓ **Correct**

Correct! Data value consistency is part of determining algorithm portability.

3. You are trying to implement a computational phenotyping algorithm for type II diabetes that needs to have balanced performance, which of the algorithms would you choose and why?

1 / 1 point

Sensitivity and Specificity

✓ **Correct**

Did you comment on sensitivity and specificity? If so you're on the right track!

4. You are trying to implement a computational phenotyping algorithm for type II diabetes that has low complexity. Which of the algorithms you have tried would you choose and why?

1 / 1 point

Implementation Difficulty and Computation Time

✓ **Correct**

Did you comment on implementation difficulty and computation time? If so you're on the right track!

5. You are trying to implement a computational phenotyping algorithm for type II diabetes that has high portability. Which of the algorithms you have tried would you choose and why?

1 / 1 point

Data Type Availability and Data Value Consistency

✓ **Correct**

Did you comment about data type availability and data value consistency? If so you're on the right track!