# Step 1: Knowledge & Relevancy

Key concepts involved in developing **data acumen** include the following:

Not sure what it means Not relevant to me

1. Mathematical foundations, \_\_\_\_ \_\_\_\_
2. Computational foundations, \_\_\_\_ \_\_\_\_
3. Statistical foundations, \_\_\_\_ \_\_\_\_
4. Data management and curation, \_\_\_\_ \_\_\_\_
5. Data description and visualization, \_\_\_\_ \_\_\_\_
6. Data modeling and assessment, \_\_\_\_ \_\_\_\_
7. Workflow and reproducibility, \_\_\_\_ \_\_\_\_
8. Communication and teamwork, \_\_\_\_ \_\_\_\_
9. Domain-specific considerations, \_\_\_\_ \_\_\_\_
10. Ethical problem solving. \_\_\_\_ \_\_\_\_

Step 2: Mapping Data Acumen

Only map the key concepts that you were both knowledgeable on and thought relevant.

High

Low

Low

High

Interest in building my skills

Current use in my teaching

Importance in biology curriculum

Confidence in my skills

High

Low

Low

High