

Data Analysis Insights Chart

A data analysis insights chart can help you use your assessments to identify next steps. Here's an example:

What were you assessing?	What was your assessment method?	What were the results?	What did you learn?	What are your next steps?
Mastery of Learning Outcome #3	25 multiple-choice questions 2 open-response questions	85% of students scored \geq 85% on MC. 45% of students correctly answered the open-ended response questions.	Student recall of fact-based knowledge is strong. Fewer than half of the students were able to apply this knowledge in the open-ended portion of the assessment.	Focus on application of knowledge by creating real-world and relevant problems that require students to apply concepts. Use the active learning structure/analytic teams to have students work on problems in small groups. Assign a similar problem set for weekly homework.

What concept, learning objective, skill, or content was the focus of this assessment?

This instructor identified two different methods: multiple-choice and open-response.

The instructor noticed that students performed quite well on the multiple-choice questions and was aware that these questions were mostly basic recall of facts. However, the performance of the students on the open-ended response would indicate that they were not able to consistently apply this knowledge in a real-life situation.

Listing the results of the two different assessment methods helped the instructor notice that student performance between the two sections was markedly different.

For this class, the instructor will adjust her instruction to focus on the application of knowledge by providing more tasks that require critical thinking and application.