A+ Inquiry Data Utilization Scenario

Absorb

What is the context being studied?
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What is already known about the context?
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What is the knowledge gap that needs to be filled? (i.e., What is not known, but should be known?)
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Why is it important to fill the identified knowledge gap?
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Ask

What are general questions that, if answered, could fill the knowledge gap identified in the Absorb stage?
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What are operational versions of the general questions posed above? (In order to write operational versions of the general questions, it may be helpful to first respond to guiding questions in the Accumulate and Analyze stages.)
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Accumulate

Which data were required to answer the question(s) posed in the Ask stage?
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Which assessment, survey, rubric, or other instrument was utilized to collect the data?
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What are characteristics of participants who data were collected from?
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When were data collected from participants?
-

How were data collected from participants?
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Access

Where were accumulated data retrieved from?
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What steps were taken to retrieve the data?
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Analyze

What data analysis method was required for each question posed in the Ask stage?
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What tools were required for data analysis?
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What steps were taken to analyze data (e.g., If applicable, which steps were taken to calculate descriptive statistics, calculate inferential statistics, conduct visual analysis of data, or analyze qualitative data?)
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Answer

What was the answer to each operational question posed in the Ask stage?
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What was the answer to each general question posed in the Ask stage?
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What are limitations of the answers to the general and operational questions?
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Announce

Which stakeholders would benefit by being informed about the answer(s) revealed through data analysis?
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Which answer(s), limitation(s), and other relevant information was important to communicate to each identified stakeholder?
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How was each identified stakeholder informed of the results?
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When was each identified stakeholder informed of the results?
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Apply

What actions were, or could be, taken based on the answer(s) revealed through data analysis and relevant communication of the answer(s) with applicable stakeholders?
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What decisions were, or could be, made based on the answer(s) revealed through data analysis and relevant communication with applicable stakeholders?
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Why are the identified actions and/or decisions important?
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