

College Spark Successful Transitions to College

Summary of Data Analysis Strategies*

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<i>Research Type</i>	<i>Types of Data</i>	<i>Data Analysis</i>
Descriptive	Data are in the form of text, audio, video, or numbers (see the next four types of types of descriptive data)	<ul style="list-style-type: none"> • Narrative analysis • Rubric analysis • Computing descriptive statistics
Case Study	Data are in the form of text, audio, or video. Data include open- and closed-ended responses, questionnaires, records, excerpts, quotations, correspondence, official reports, and surveys	Narrative analysis
Observation	Data are in the form of text, audio, or video. Data include detailed description of activities, participant behaviors, and human interactions	<ul style="list-style-type: none"> • Narrative analysis • Computing descriptive statistics
Interview	Data are in the form of text, audio, or video. Data include direct quotes about experiences, feelings, knowledge, and opinions.	Narrative analysis
Focus Group	Data are in the form of text, audio, or video. Data can include detailed description of discussion and notes about context.	Narrative analysis
Survey	Data are in the form of numerical responses and verbatim data.	<ul style="list-style-type: none"> • Computing descriptive statistics • Computing inferential statistics • Narrative analysis
Experiment	Numerical responses, verbatim responses, numerical recording	<ul style="list-style-type: none"> • Computing descriptive statistics • Computing inferential statistics
Quasi-experiment	Numerical responses, verbatim responses, numerical recording	<ul style="list-style-type: none"> • Computing descriptive statistics • Computing inferential statistics
Mixed Methods	Any of the above	Any of the above

*Adapted from Bishop-Clark & Dietz-Uhler, 2012