

# Lesson summary

## Module 1 Lesson 2: From Requirements to Collection



**Congratulations! You have completed this lesson. At this point in the course, you know:**

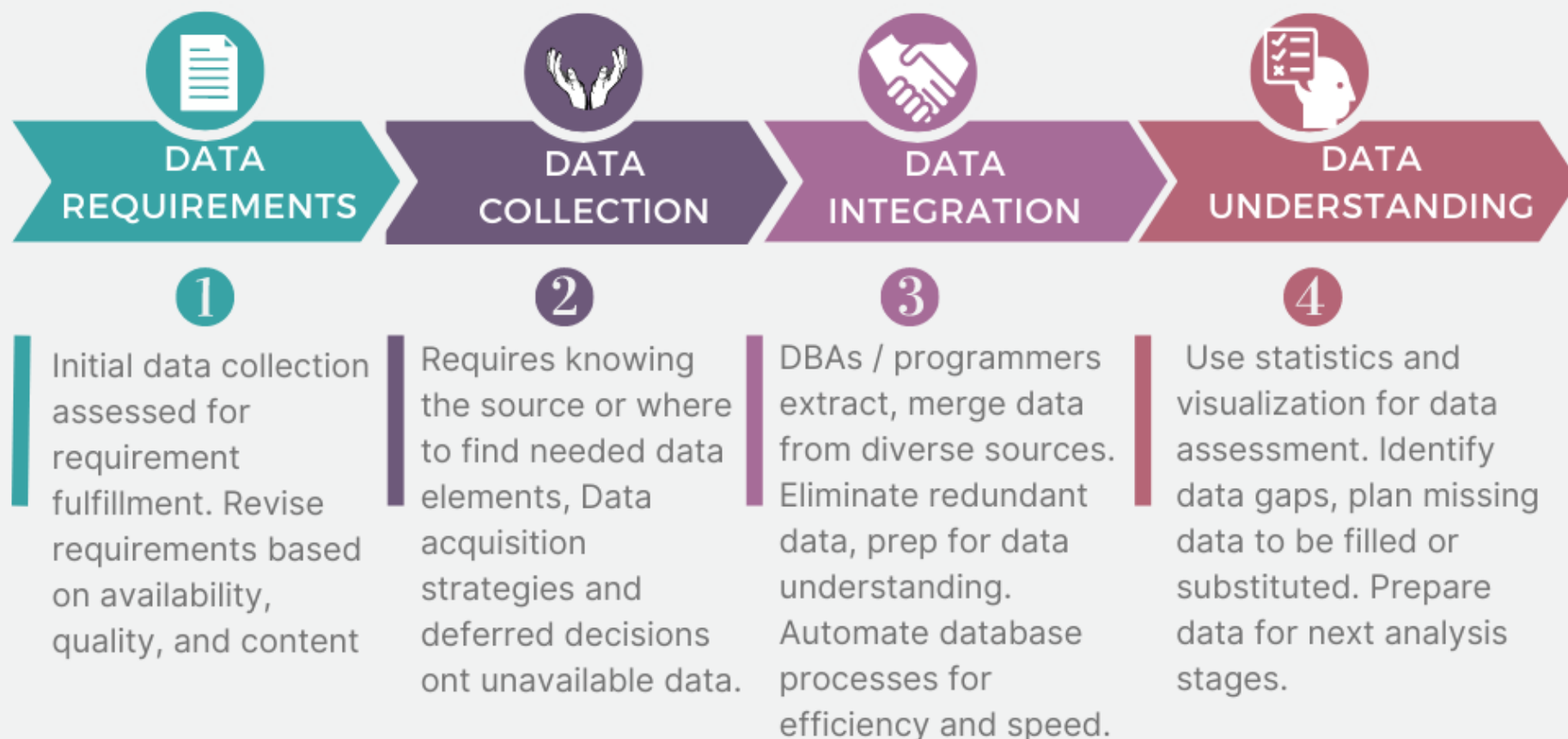
- Data Requirements stage tasks include identifying the correct and necessary data content, data formats, and data sources for the specific analytical approach.
- During the Data Collection stage, expert data scientists meticulously revise data requirements and make critical decisions regarding the quantity and quality of data.



# Data Requirement and Collection

Data is an ingredient; Ensuring the Right Ingredients

This stage of the data science methodology emphasizes the criticality of identifying, sourcing, understanding, and preparing the necessary data for analysis.



**DATA SCIENCE METHODOLOGY**



**Skills  
Network**

- Data scientists apply descriptive statistics and visualization techniques to thoroughly assess the content, quality, and initial insights gained from the collected data, identify gaps, and determine if new data is needed or to substitute existing data.

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Changelog

Date	Version	Changed by	Change Description
2023-08-09	0.1	Patsy R. Kravitz	Initial version created
2023-08-13	0.2	Dr. Pooja	Included infographic

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