

Lesson 1: Glossary: decision-making, data-driven.

Socialize the technology idiom of the day.

Ctrl+Alt+Del moment: Describes a situation in data analysis where a major restart or reset is required to resolve issues, similar to the computer command for rebooting. "After hours of troubleshooting, the data analyst realized that the corruption in the dataset was beyond quick fixes. It was a Ctrl+Alt+Del moment, and the team decided to reevaluate their data collection process from scratch to ensure accurate and reliable results."

Before the reading activity, explain what the skimming strategy is.

The skimming strategy is a reading technique where the reader quickly glances over the text to get a general overview or main ideas without delving into the details. It involves looking at headings, subheadings, bolded or italicized text, and the introductory and concluding paragraphs. Skimming is useful for previewing the content, identifying key topics, and deciding whether the material is relevant or requires a more in-depth reading.

Socialize keywords about data-driven decisions.

Data-Driven Decisions: The process of making decisions based on factual information and metrics rather than anecdotal evidence or gut instinct.

Decision-Making Process: The series of steps and strategies employed by organizations to use data effectively in making informed choices.

Diagnostic Analysis: A data analysis technique that examines why events happen using statistical methods such as data mining, data discovery, and correlation.

Descriptive Analysis: An approach to data analysis that evaluates historical data to identify changes over time and presents results through visualizations.

Predictive Analysis: A data analysis technique using artificial intelligence and algorithms to forecast future events, such as market trends and customer behavior.

Prescriptive Analysis: An advanced data analysis technique that goes beyond predicting outcomes, helping identify the best ways to deal with or avoid potential problems.

Data Interpretation: The process of making sense of analyzed data, turning insights into actionable conclusions, and understanding data in the context of decision-making.

Decision-Making Best Practices: Guidelines for effective data-driven decision-making, including cleaning and organizing data, making it a team effort, and regularly reviewing and re-evaluating decisions.