



ATTRIBUTE TYPES

SYRACUSE UNIVERSITY
School of Information Studies

HOW TO PREPARE DATA FOR ANALYSIS

Understand the meaning of data.

Assess the quality of data.

Transform data for analysis if necessary.

TEXTBOOK EXAMPLE 2.1

An illustration of data-related issues

Understand the definition of each attribute and the meaning of its values (e.g., fields 5, 4).

Understand the potential relationship between each attribute and your analysis goal (e.g., fields 1, 2, and 3 and target field 5).

Understand potential data quality problems, such as missing data, noise, and outliers (e.g., field 4).

UNDERSTAND THE MEANING OF VARIABLES

It might not be a trivial task, as this video shows.