

Elements of Data Science



The diagram illustrates the components of Data Science. At the top, a large curly bracket spans the width of the diagram. Below it, three main stages are presented: Data Intake, Data Analysis, and Communication. Data Intake is represented by an orange box containing 'Data collection' and 'Data preparation'. Data Analysis is represented by a blue box containing 'Statistics' and 'Machine learning'. Communication is represented by a green box containing 'Story telling' and 'Visualization'. The 'Visualization' text is circled in red, and a red arrow points from this circle back to the 'Machine learning' section of the Data Analysis box. Plus signs are placed between the three main boxes to indicate they are additive components.

Data Intake

Data collection

Data preparation

+

Data Analysis

Statistics

Machine learning

+

Communication

Story telling

Visualization