

## Says

What have we heard them say?
What can we imagine them saying?

Problem Understanding, also known as Problem Definition or Problem Identification, is the initial and critical phase of any data analysis or problem-solving process. It involves gaining a clear and comprehensive understanding of the problem at hand, its context, scope, and objectives.

Data collection is the process of gathering and measuring information on variables of interest, in an established systematic fashion that enables one to answer stated research questions, test hypotheses, and evaluate outcomes and generate insights from the data.

Tableau allows you to connect to various data sources like Excel, CSV, databases, etc. Choose the appropriate data source type that matches your dataset. For example, if you have a CSV file, select "Text File" or "Excel" if your data is in an Excel workbook.

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The goal of data visualization is to make complex data sets more accessible, intuitive, and easier to interpret. By using visual elements such as charts, graphs, and maps, data visualizations can help people quickly identify patterns, trends, and outliers in the

**Thinks** 

What are their wants, needs, hopes, and dreams?

What other thoughts might influence their behavior?

Data preparation, also known as

data preprocessing, is a crucial

step in the data analysis process.

It involves transforming raw data

Proper data preparation ensures

consistent, and ready to be used

effectively to derive meaningful

into a clean, structured, and

suitable format for analysis.

that the data is accurate,

insights.

the information



## 21F84A69

team lead

See an example

A dashboard is a graphical user interface (GUI) that displays information and data in an organized, easy-to-read format.

used to provide realtime monitoring and analysis of data, and are typically designed for a specific purpose or use case.

Dashboards are often

Dashboards can be used in a variety of settings, such as business, finance, manufacturing, healthcare, and many other industries.

Performance testing
in data analysis
involves evaluating
the efficiency and
effectiveness of
data processing
and analysis tasks

It is a crucial step to ensure that data analysis processes can handle large volumes of data and deliver results within acceptable time frames

Performance testing helps identify potential bottlenecks and optimize the data analysis pipeline for better performance.



## Does

What behavior have we observed? What can we imagine them doing?



What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

