



R E S O U R C E

Charting Your Course:  
Problem Statement



# Problem Statement

## Develop a Problem Statement

A problem statement is a clear and focused statement that describes a challenge or issue you intend to address. A well-developed problem statement can help to guide your research and solution development.

### 1. Review your data.

- ➔ Analyze the data you've collected through empathy map, interviews, shadowing, surveys, document analysis, and/or other methods.

### 2. Identify key themes and patterns.

- ➔ Look for recurring issues, challenges, or concerns.

### 3. Use the five W's to develop your problem statement.



**WHO:** Who is affected by the problem?



**WHAT:** What exactly is the problem?



**WHEN:** When does the problem occur?



**WHERE:** Where does the problem occur?



**WHY:** Why is this a problem?



**HOW:** How does the problem show up?

## Additional Tips

- Frame the problem in a way that suggests potential solutions.
- When possible, use quantifiable terms to describe the problem (e.g., "a 20% increase in vaping").
- Avoid blame or judgment (i.e., no accusatory language)
- Share your problem statement with those the problem affects most and ask for feedback.

### Example:

***Problem:** The 27% increase found in reports of anxiety and depression found among high school students in our school district during the 2023-24 school year, as well as the limited access to mental health resources, is contributing to a decline in academic performance, social well-being, and overall quality of student life.*

This problem statement clearly identifies the target group (high school students), the problem (anxiety, depression), the impact (declines in academic performance, social well-being, quality of life), and the context (school district). It avoids suggesting solutions, allowing for a broad range of potential solutions.