

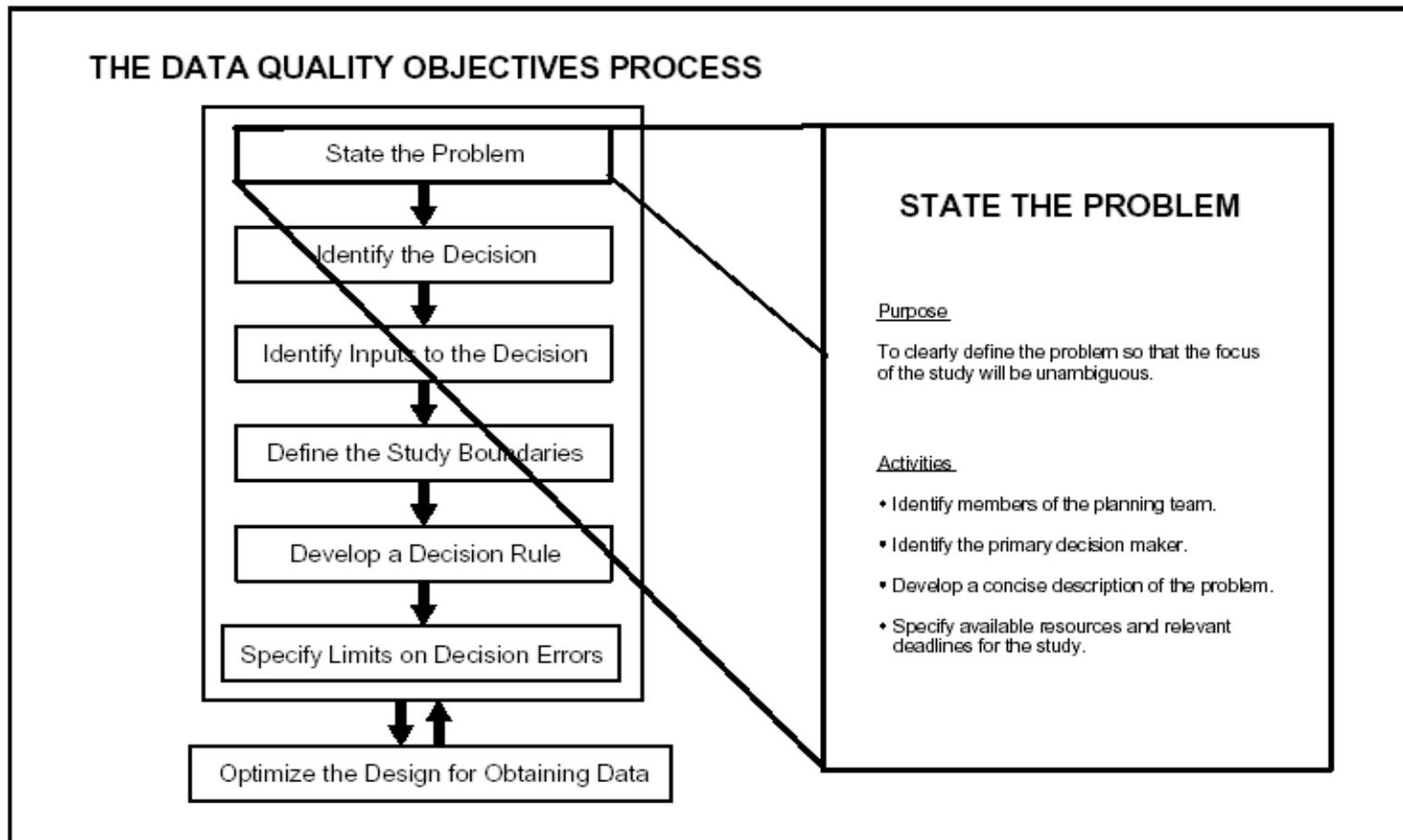
# What are Data Quality Objectives?

- DQOs are qualitative and quantitative statements of the quality of data needed to support specific decisions or regulatory actions.
- In simplest terms—a DQO are the *what, where, when, why, how, and who* for the study.

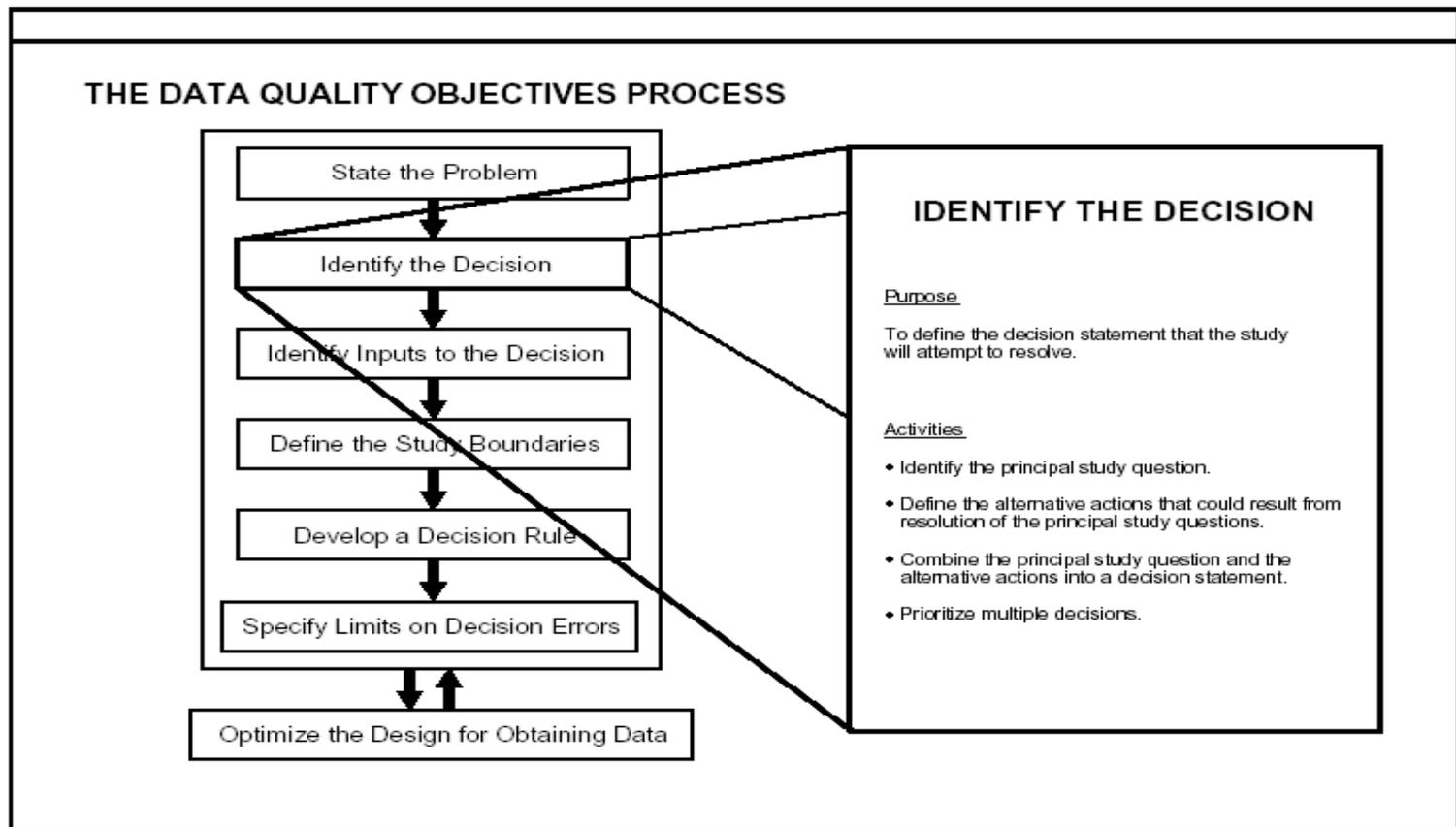
# How are DQO's Established?

- By following a 7 step planning process which guides decision makers, data users, and technical experts to develop a reasonable sampling design

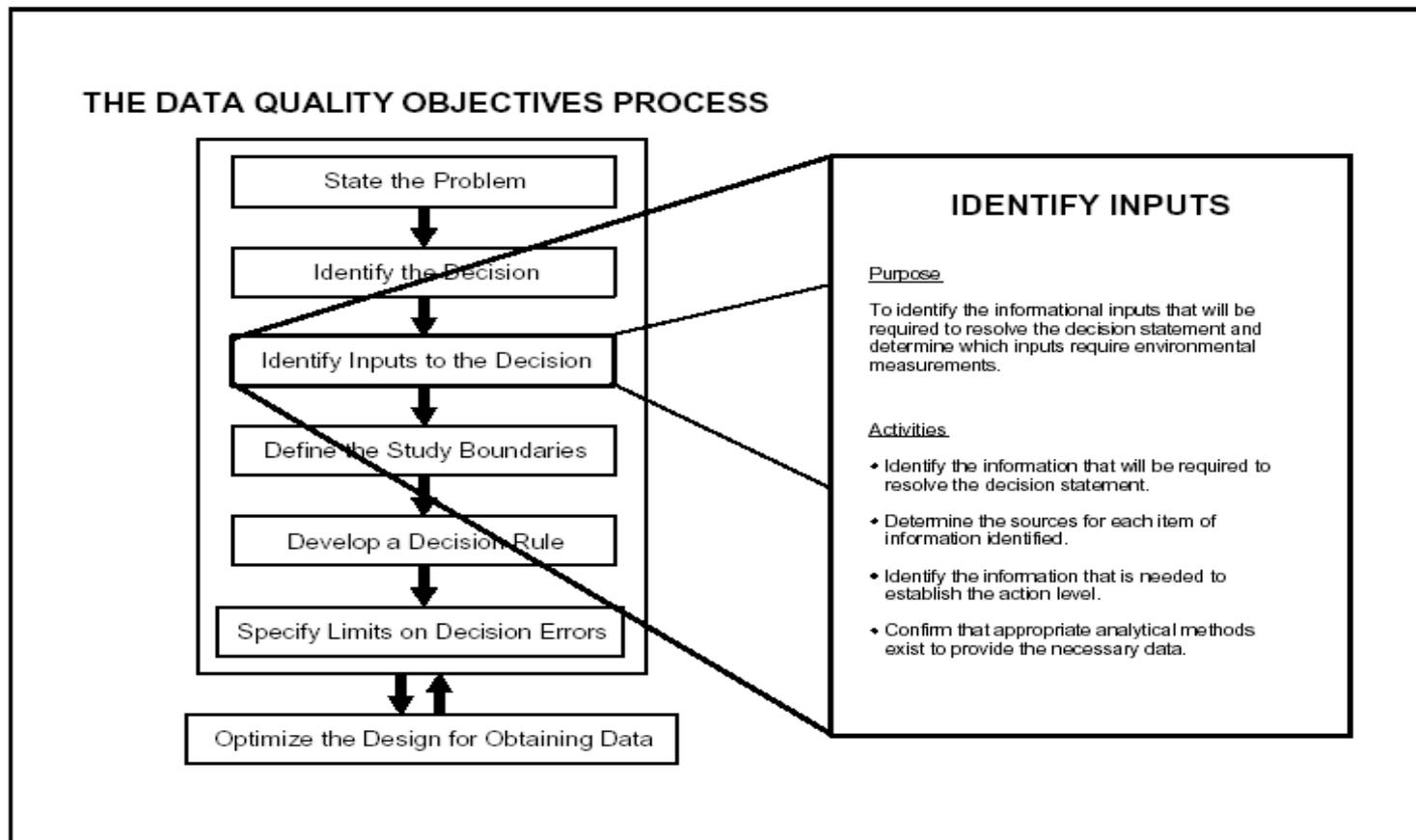
# Step 1-State the Problem



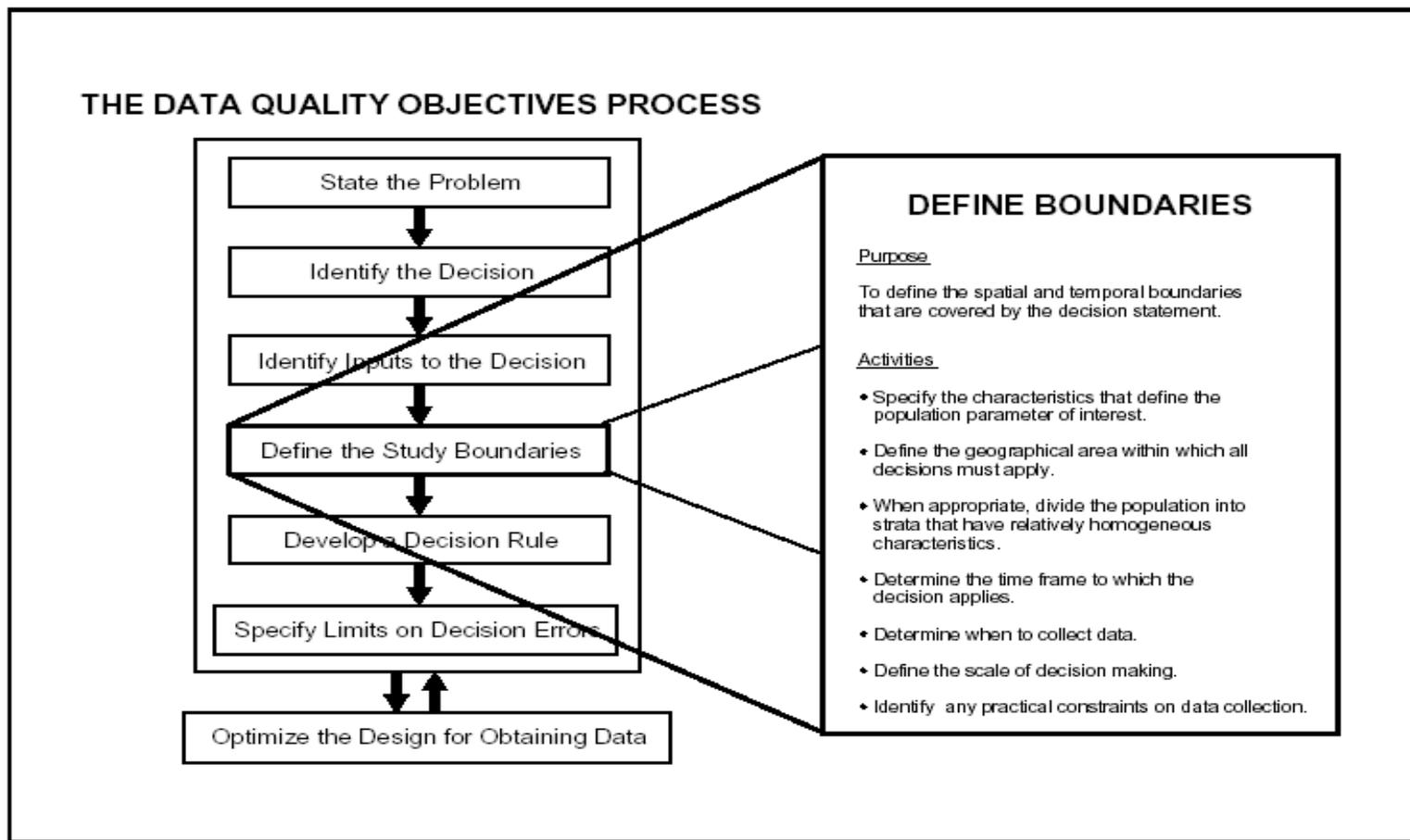
# Step 2: Identify the Decision



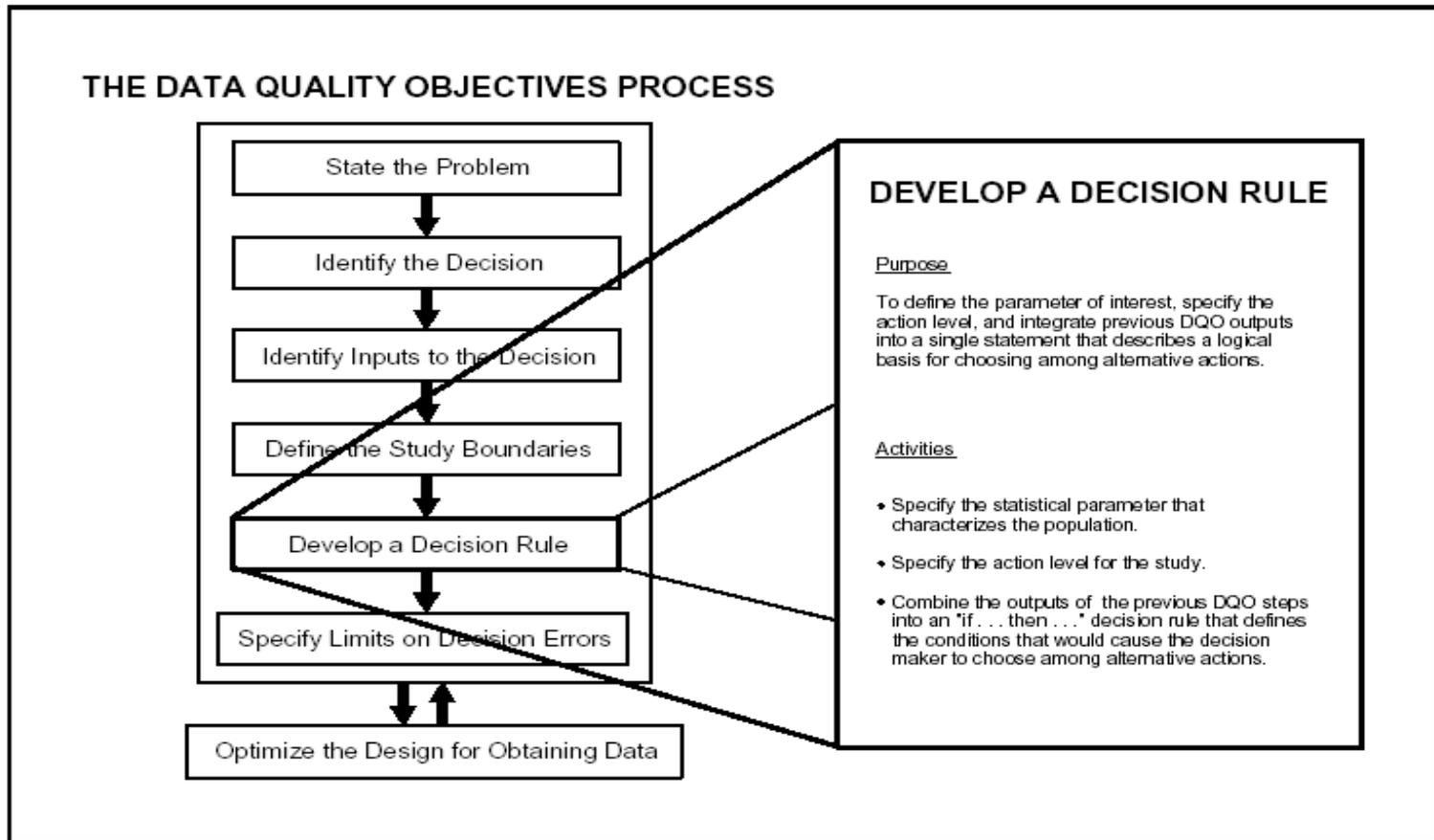
# Step 3: Identify the Inputs to the Decision



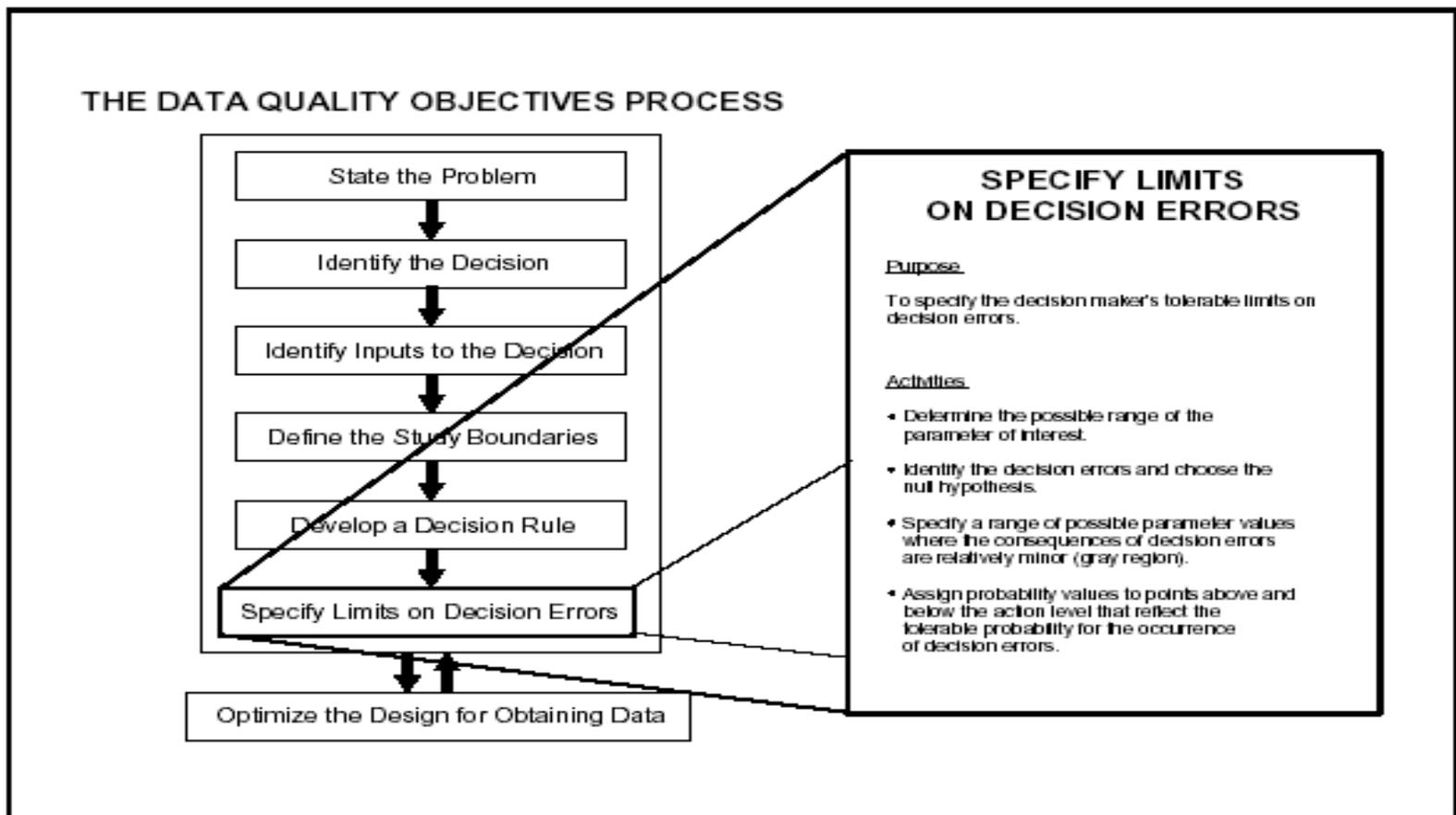
# Step 4: Define the Boundaries of the Study



# Step 5: Develop a Decision Rule

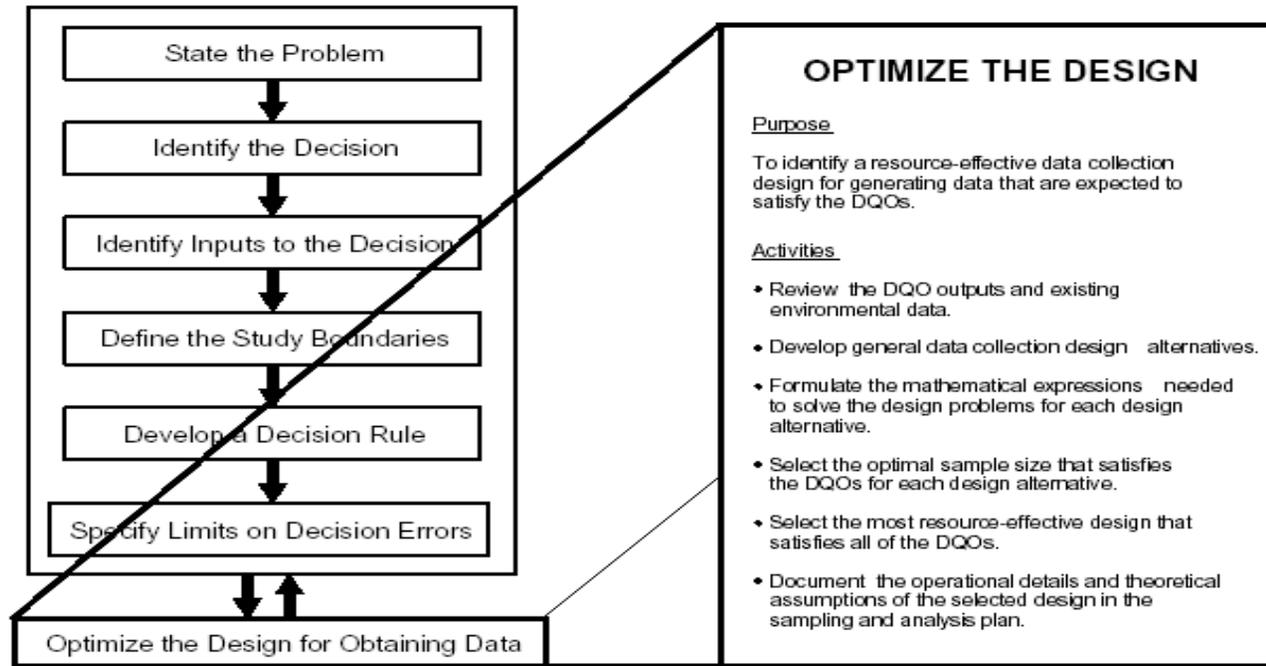


# Step 6: Specify Tolerable Limits on Decision Errors



# Step 7: Optimize the Design for Obtaining Data

## THE DATA QUALITY OBJECTIVES PROCESS



# The Decision Process

