

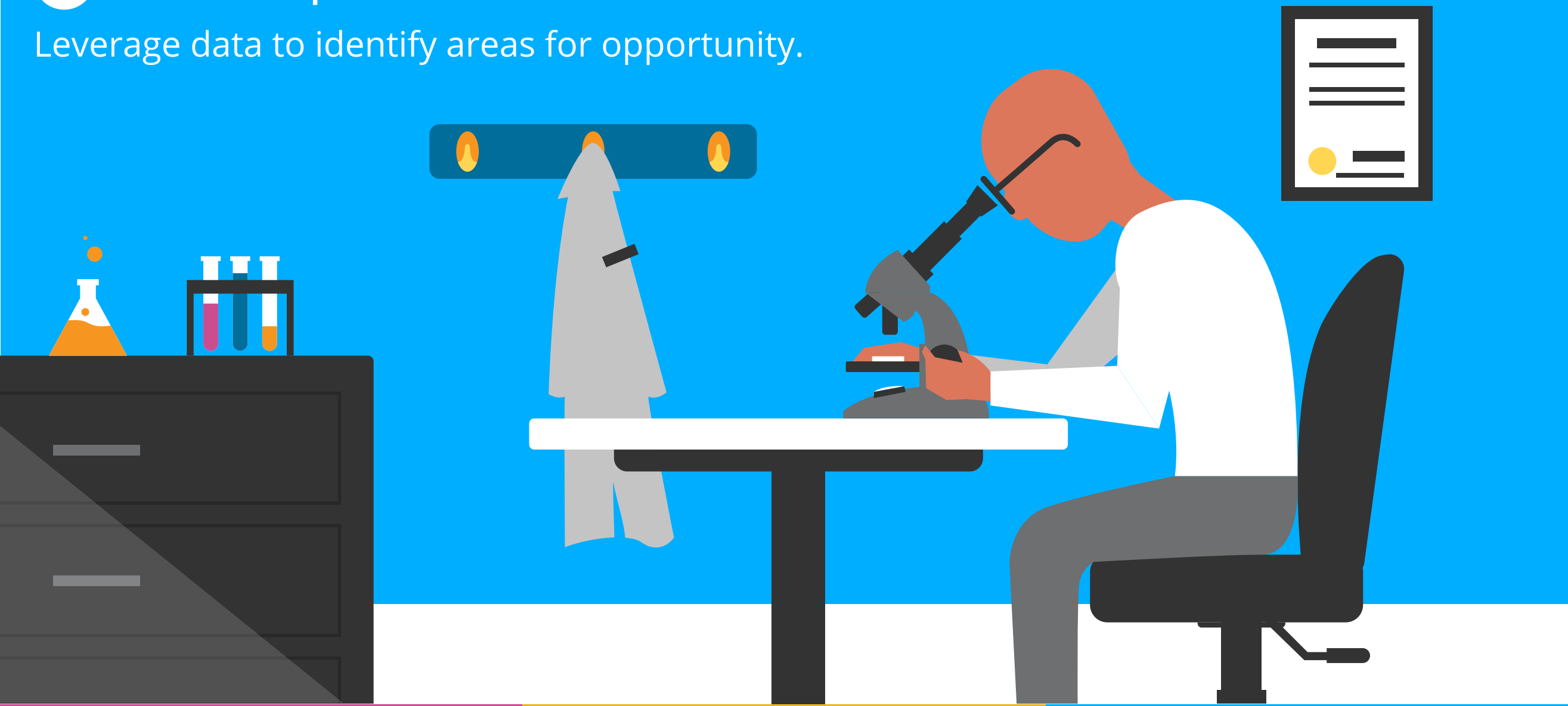
The 8 Step Improvement Model:

A Framework To Apply Improvement Science

With improvement science combined with analytics, health systems can better understand how, as they implement new process changes, to use theory to guide their practice, and which improvement strategy will help increase the likelihood of success. The 8-Step Improvement Model is a framework that health systems can follow to effectively apply improvement science.

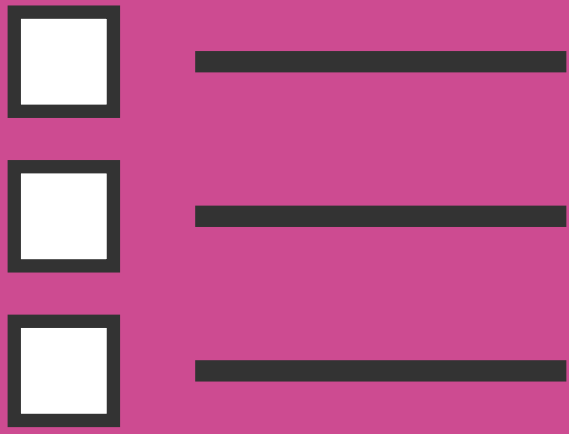
1 Define the problem.

Leverage data to identify areas for opportunity.



2 Scope opportunity and set goals.

Realize the size of the opportunity and set realistic goals.



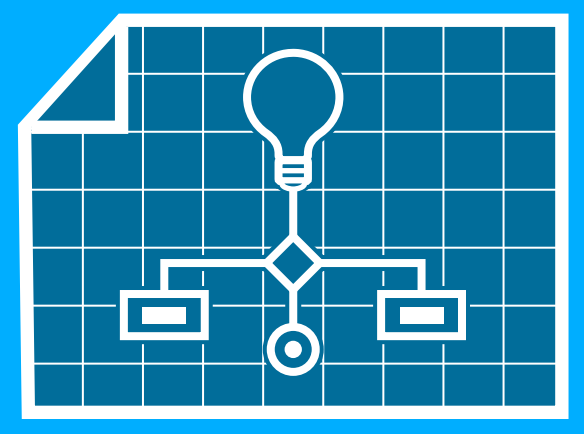
3 Explore root causes and set process aims.

Access granular data to understand the root cause of a problem.



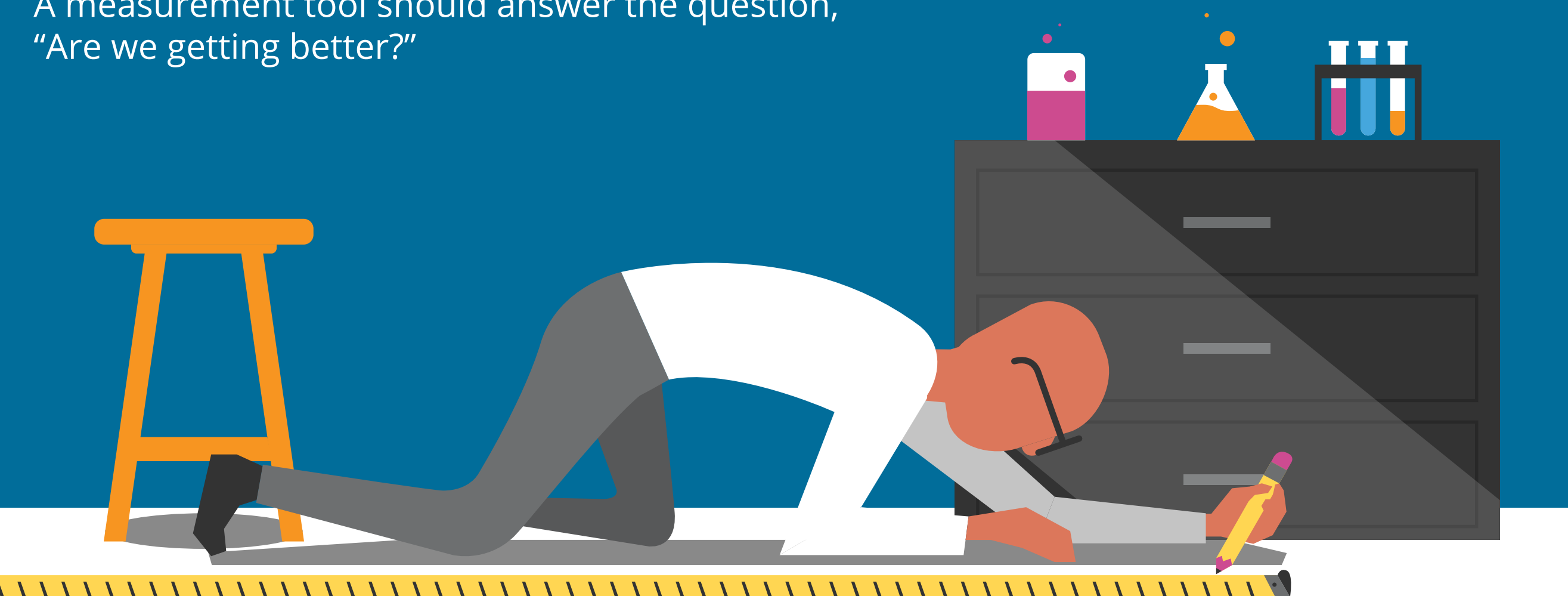
4 Design interventions and implementation.

Ensure interventions are realistic and fit within the workflow.



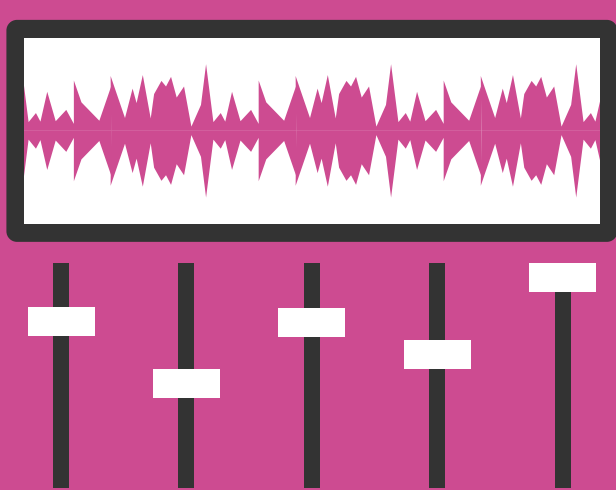
5 Apply interventions and measure results.

A measurement tool should answer the question, "Are we getting better?"



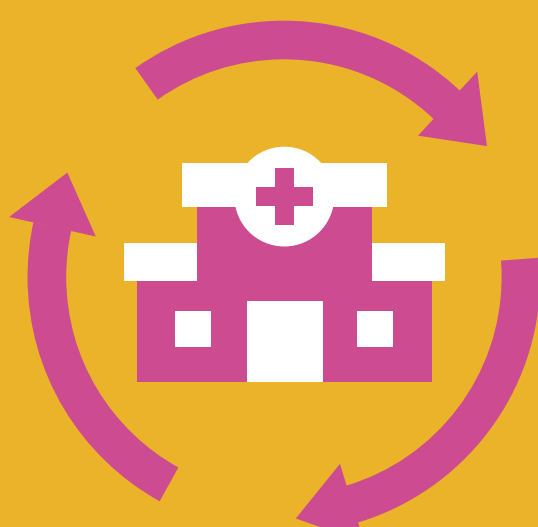
6 Monitor, adjust, and learn.

Adjust interventions to allow improvement efforts to reach their potential.



7 Diffuse and sustain.

Consider how improvement efforts can be replicated.



8 Communicate results.

Reporting results holds team members accountable.

