



DATA CAMP DAY ONE

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EVALUATION



INTRODUCTIONS



Name, Title, and Organization

Number of years with EHS/HS

Fun fact about YOU



— DAY ONE AGENDA

Introductions and Expected Outcomes

Data and Continuous Quality Improvement

Exploring Data – Attendance

Data, CQI, and Early Head Start/Head Start

Identifying and Addressing Challenges and Barriers with Data Use



— EXPECTED OUTCOMES

Define Continuous Quality Improvement (CQI)

Describe the importance of data accuracy, data integrity, and data workflows

Identify strategies for addressing challenges and barriers to effective use of data

Explain the role of data and CQI in EHS/HS in context of new OHS expectations

Develop continuous quality improvement plans that align with Program Goals and Objectives

Describe strategies for successfully implementing CQI plans



DATA & CONTINUOUS QUALITY IMPROVEMENT

•••

DATA

Numbers given context



29



29 Nutrition Screenings

**29 out of 30 children had
Nutrition Screenings**

**29 out of 150 children had
Nutrition Screenings**

DATA

Numbers given context



Very important concept for Head Start leaders

- *“We served 1100 children in 2018-19”*
- *“90% of children received a hearing screening”*
- *“Our overall CLASS scores dropped 5%”*

DATA

Numbers given context

**This is your CORE CONCEPT
for the next two days.**

**As a leader, you can use it like
a “filter” to examine
everything involving your
program’s data.**



— **HERE'S**

THE

SCOOP!





BIG QUESTION

What is the favorite ice cream flavor of Head Start children?





— **THE PLAN**

Population: Head Start children (N = 600)

Cohort: 4 grantee sites, 1 partner site

Teacher conducts group interviews using poster

Teacher documents the total number of votes for each flavor

Center Director enters worksheet data into Excel spreadsheet



Strawberry



Vanilla



Chocolate



Strawberry



Vanilla



Chocolate

FRONT

Hi Friends! I want to know your favorite ice cream flavor! There are three choices – strawberry, vanilla and chocolate. When I say the name of your favorite flavor, raise your hand. Who's ready?

BACK



BEST GUESS

**What is your best guess
to the big question?**





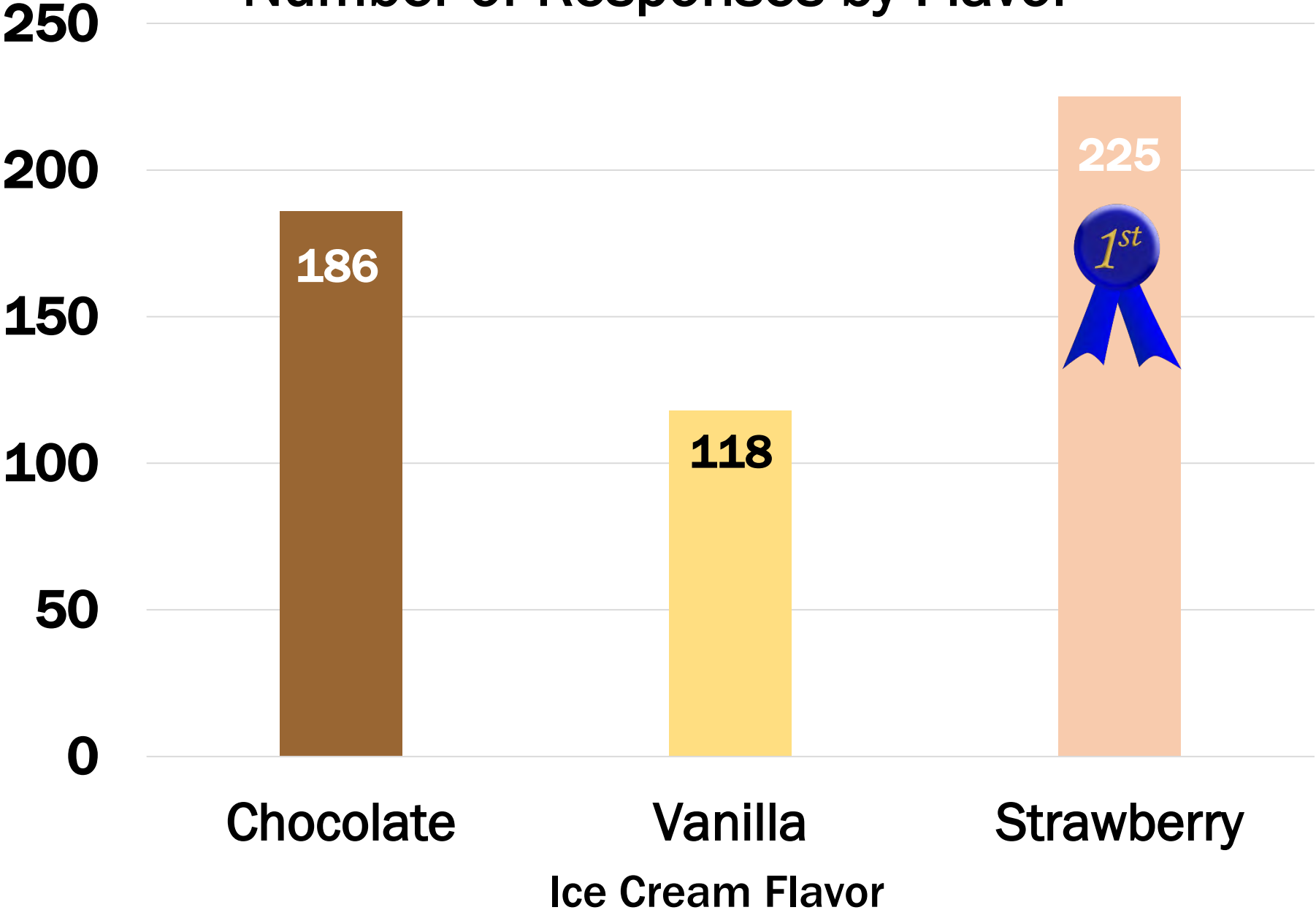
BEST GUESS

(Divide 600 into 3 groups)

Chocolate 500 Vanilla 50 Strawberry 50

Number of Responses by Flavor

Number of Responses
(N=529)



● ● ●

What Surprises You About the Data?





Now What?

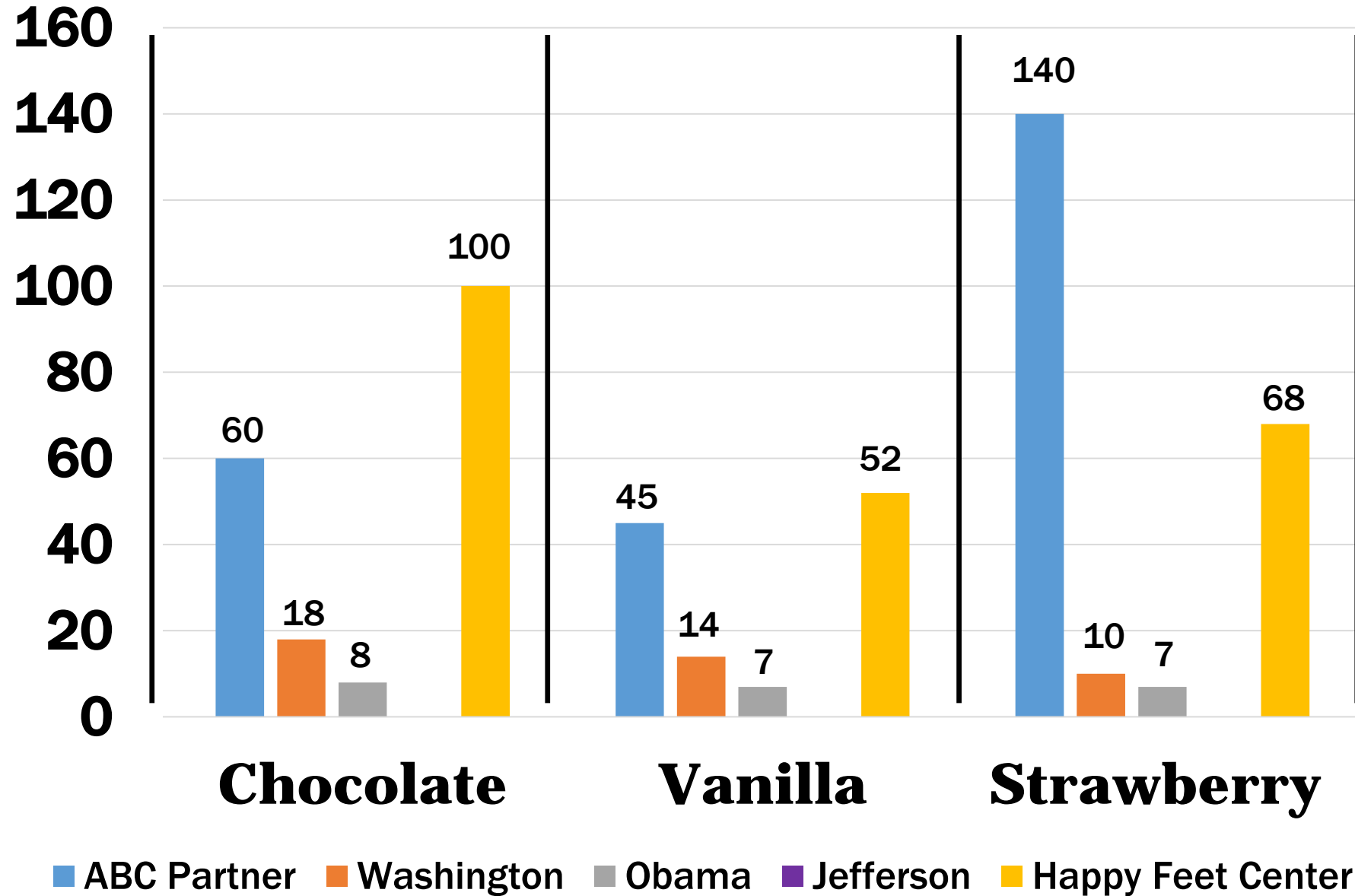


Call Mr. Tom and tell him to order gallons of strawberry

Or



Favorite Flavor by Site

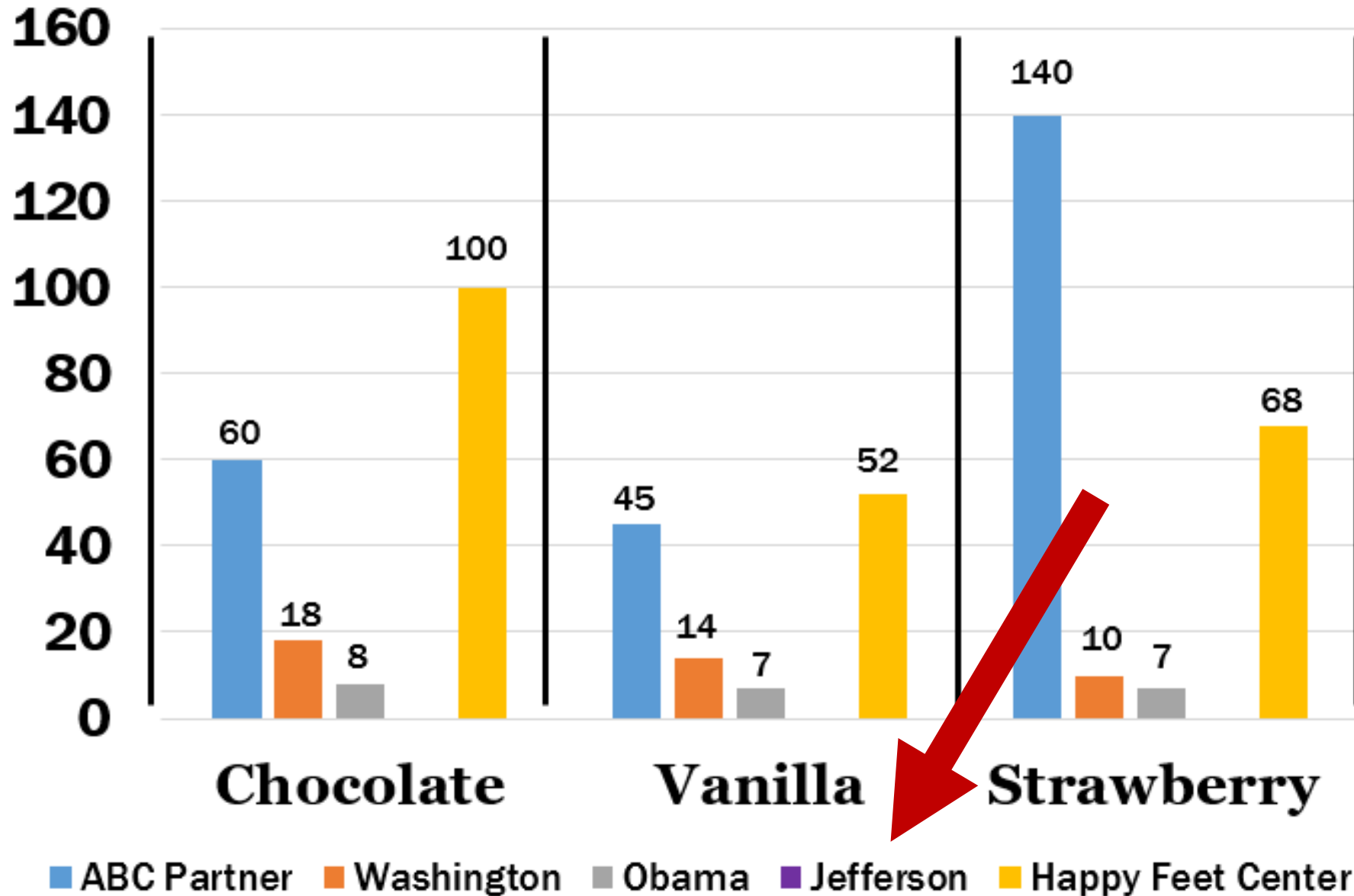




— LET'S ANALYZE

**What Are Possible Explanations
For What Happened?**

Favorite Flavor by Site

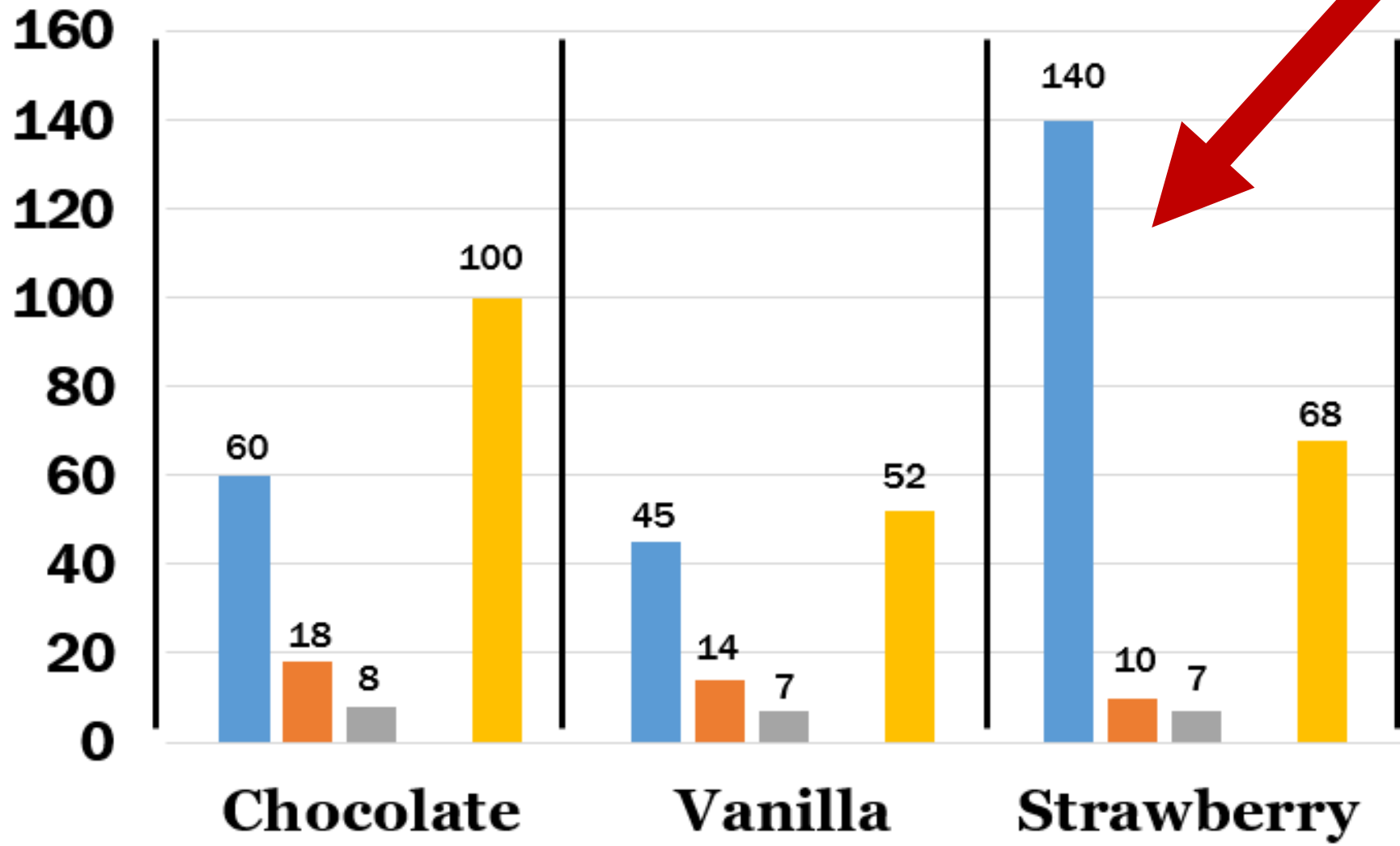


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Jefferson Early Learning Academy



Favorite Flavor by Program



■ ABC Partner ■ Washington ■ Obama ■ Jefferson ■ Happy Feet Center

— **ABC
Partner**



**Vanilla and chocolate
ice cream are gross!**

**Everyone should eat
strawberry ice cream.**

Hector - Parent Volunteer

Hector's Poster



Strawberry



Vanilla



Chocolate

Data Accuracy and Integrity

**WHO put
this data in?**



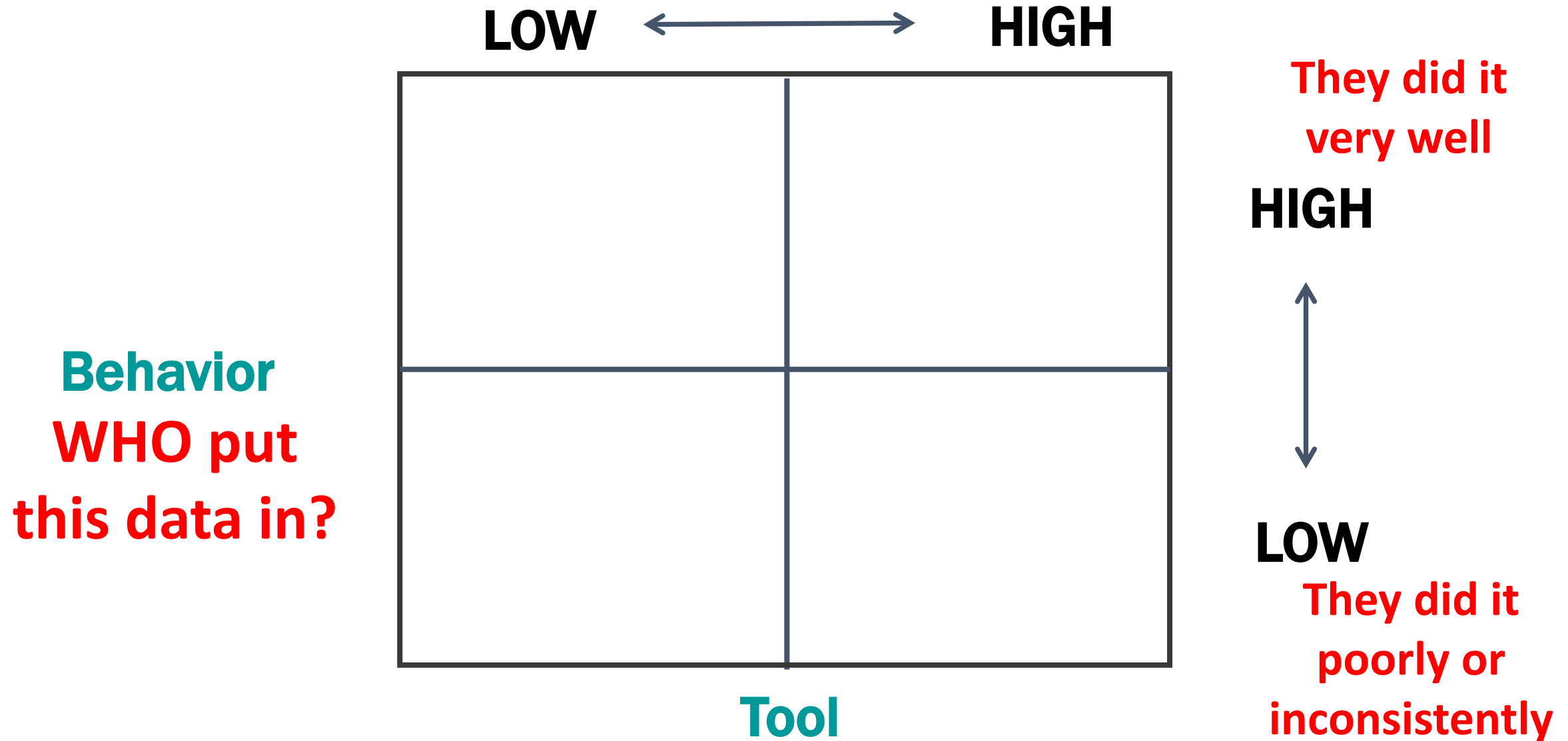
Behavior

**What tool or
process did
they use?**

Tool



Data Accuracy and Integrity



Data Accuracy and Integrity

The form or process is bad

The form or process is good

LOW



HIGH

Behavior

HIGH



LOW

WHAT PROCESS did they use? **Tool**

Data Accuracy and Integrity

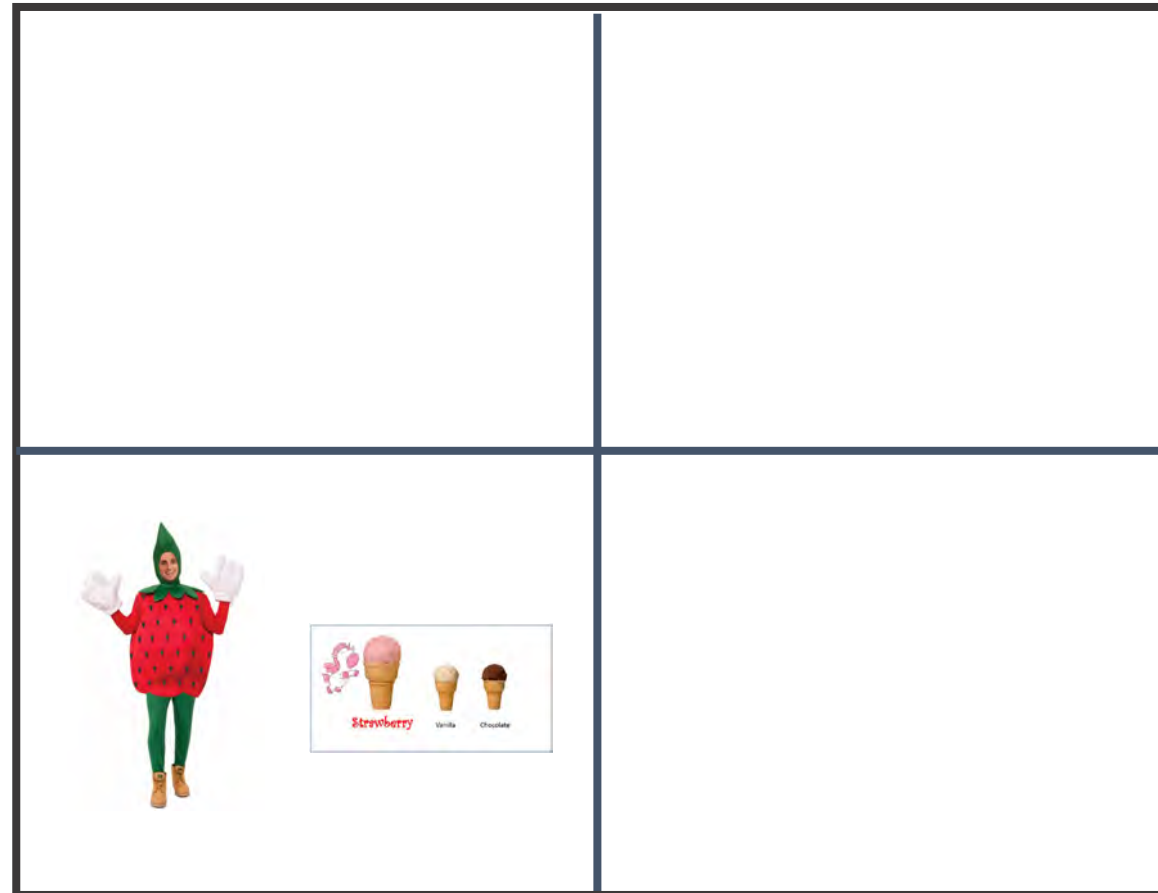
The form or process is bad

LOW



HIGH

Behavior



HIGH



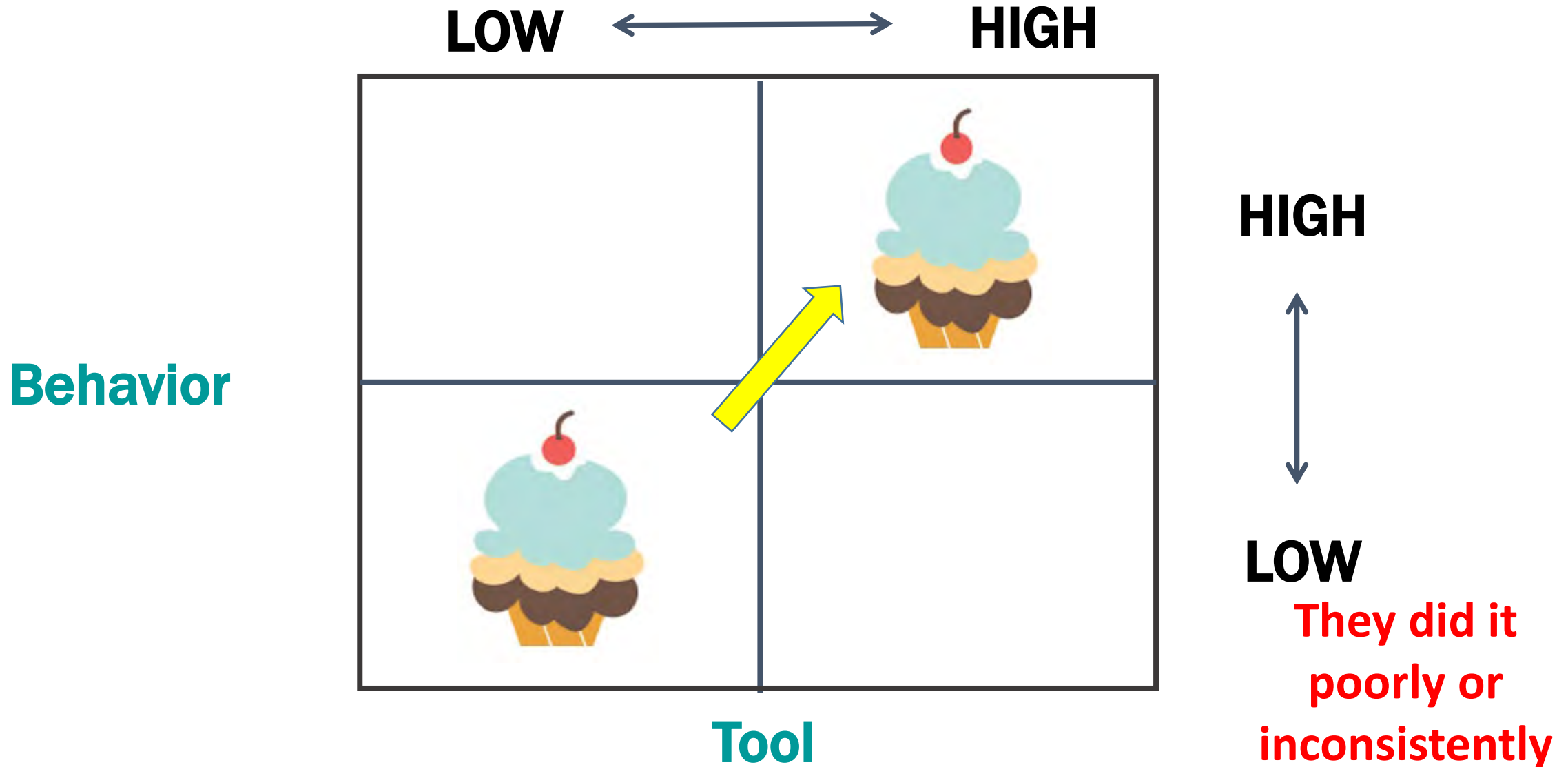
LOW

They did it poorly or inconsistently

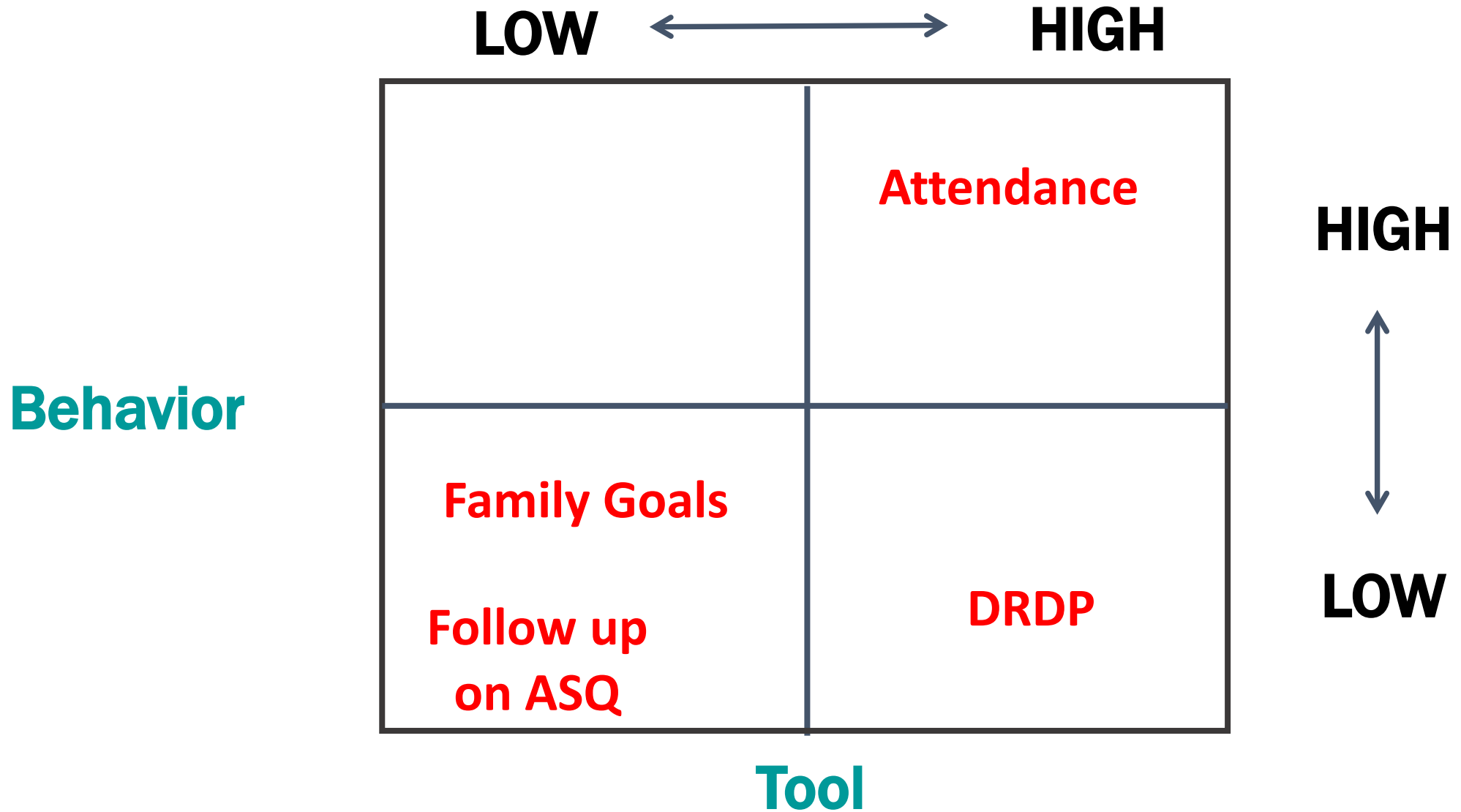
Tool

Data Accuracy and Integrity

The form or process is bad



Data Accuracy and Integrity





DATA WORKFLOWS

Planned set of activities and processes in which tasks, information or documents are passed from one participant to another for action



WORKFLOW

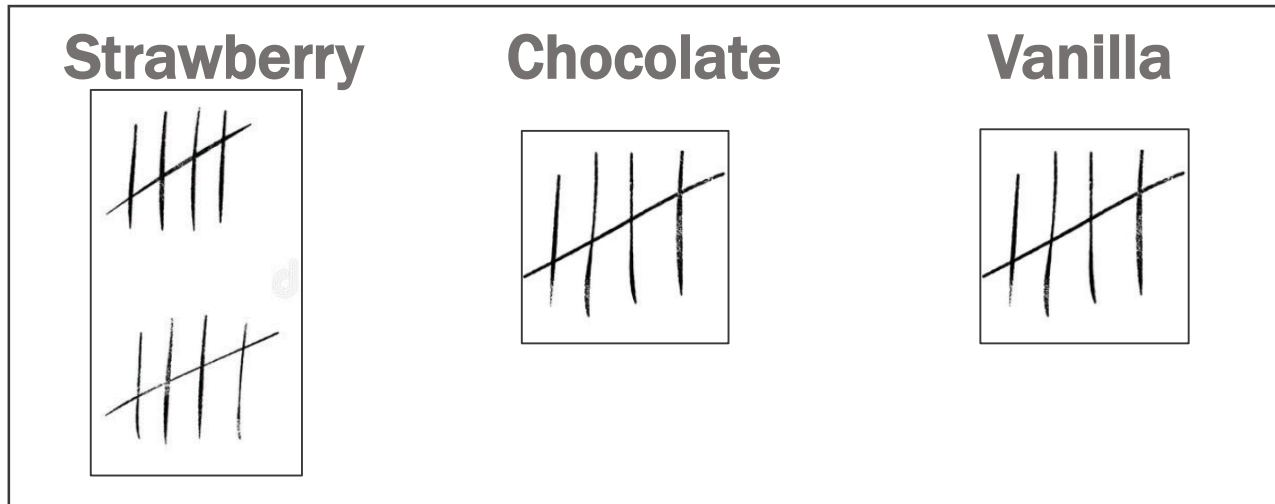
DATA COLLECTION



Process of gathering and measuring information in an established, systematic fashion



DATA CODING



S = 10

C = 5

V = 5

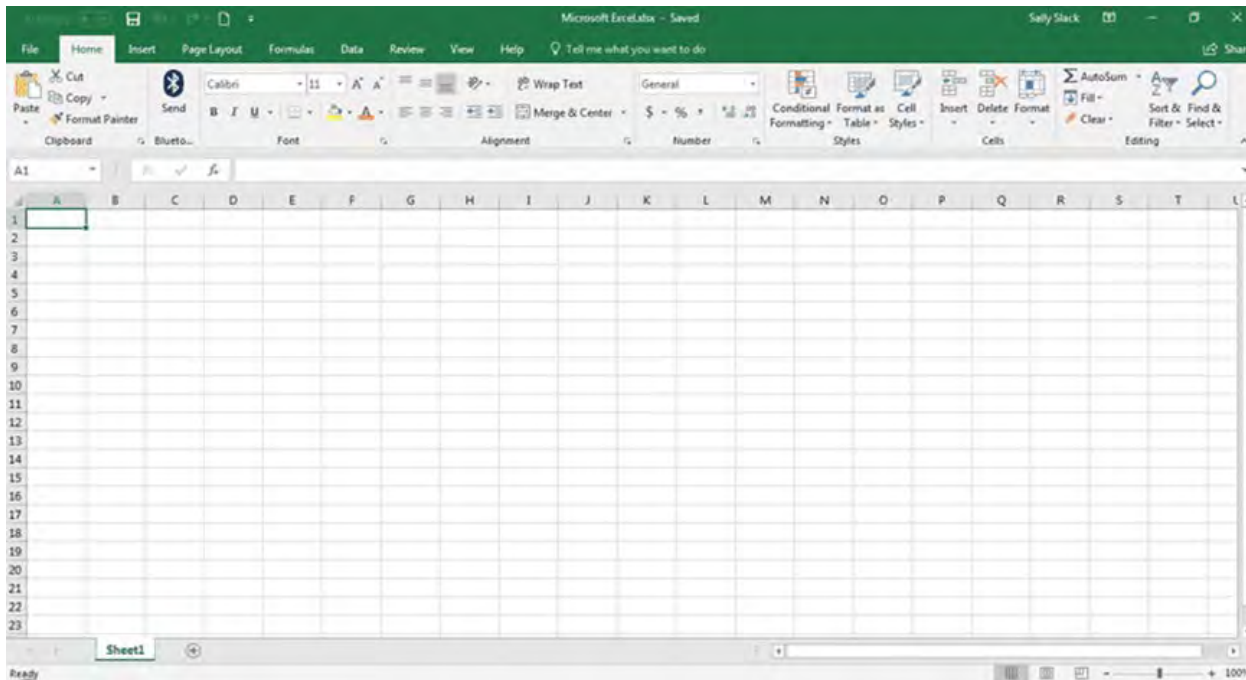
Process of turning the collected data into a standard set of “codes”

— DATA ENTRY



Process of placing collected, coded data into a digital form

DATA STORAGE



**Organized, accessible
warehouse where data
is stored**



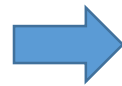
DATA WORKFLOW

**DATA
COLLECTION**

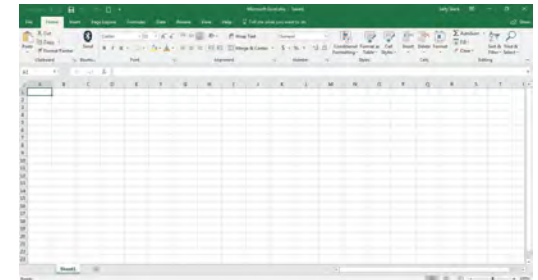
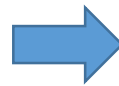
**DATA
CODING**

**DATA
ENTRY**

**DATA
STORAGE**



S = 10
C = 5
V = 5





— LET'S ANALYZE

**What Changes Could We Make
to Our Data Workflow?**



TRACKING & MONITORING

Tracking – To follow the course of a process or project

Monitoring – To supervise the progress and quality of a process over a period of time; systematically reviewing all aspects of a project

DATA WORKFLOW

DATA COLLECTION



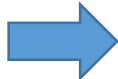
Tracking and Monitoring



DATA CODING

S = 10
C = 5
V = 5

Tracking and Monitoring



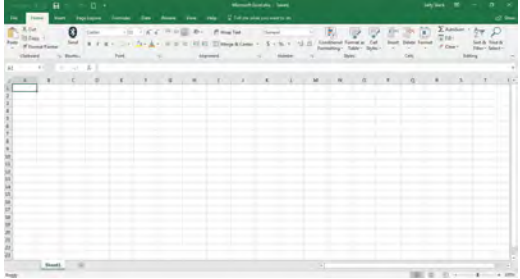
DATA ENTRY



Tracking and Monitoring



DATA STORAGE





CONTINUOUS QUALITY IMPROVEMENT

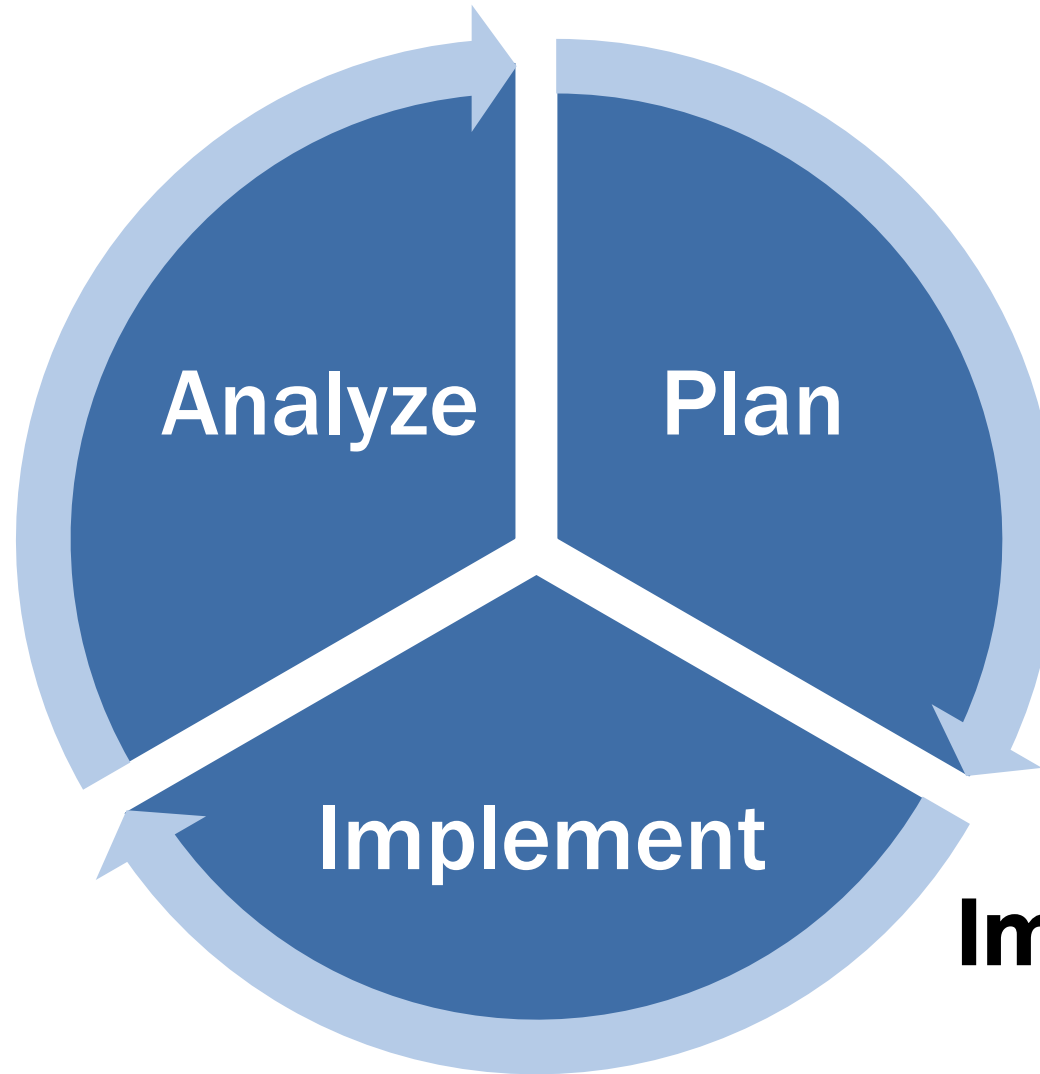
A management approach

Based on the idea that most processes can be improved and made more efficient

Instead of focusing on issues only when problems, CQI advocates for incremental, regular changes that become a part of day-to-day activities

Continuous Quality Improvement (CQI)

**Analyze –
How did the
Plan work?**



Create the Plan

Implement the Plan



LUNCH

