



WHAT IS PARETO ANALYSIS? AND HOW TO CREATE IT?

A hand holding a pen points at a bar chart on a document. The chart has several orange bars of varying heights. The background is a blurred office setting.

COURSE INTRODUCTION

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IN THIS COURSE, YOU WILL LEARN

- 1. WHAT IS PARETO ANALYSIS?**
- 2. WHEN TO USE PARETO ANALYSIS?**
- 3. HOW TO CREATE PARETO ANALYSIS?**

**THIS COURSE IS FILLED
WITH PRACTICAL
KNOWLEDGE**



UNDERSTAND HOW TO IDENTIFY SPECIFIC CAUSES



A person is running away from the camera on a paved path that leads towards a bright sunset. The sun is low on the horizon, creating a strong orange and yellow glow. The runner is in the center of the frame, and their shadow is cast on the path. The background shows a body of water and some distant structures.

COURSE INCLUDES SEVERAL DIY ACTIVITIES

ALSO INCLUDES MULTIPLE DOWNLOADABLE PDFs

Email: programs@aigproexcellence.com

A photograph of three young professionals standing in a modern office setting. On the left, a woman with long brown hair is wearing a brown blazer over a white ruffled blouse, with her arms crossed. In the center, a man with short dark hair is wearing a dark suit, white shirt, and dark tie, also with his arms crossed. On the right, a woman with long dark hair is wearing a white button-down shirt and holding a tablet, with her arms crossed. They are all smiling at the camera.

COURSE IS IDEAL FOR PROFESSIONALS AND FRESHERS





**CONNECT WITH ME ON
THE DISCUSSION BOARD**

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WHAT IS PARETO ANALYSIS?

**80% WEALTH LIES
WITH 20% PEOPLE**



**80% DEFECTS ARE
DUE TO 20% CAUSES**



80:20 RULE

PARETO ANALYSIS

COINED BY VILFREDO PARETO

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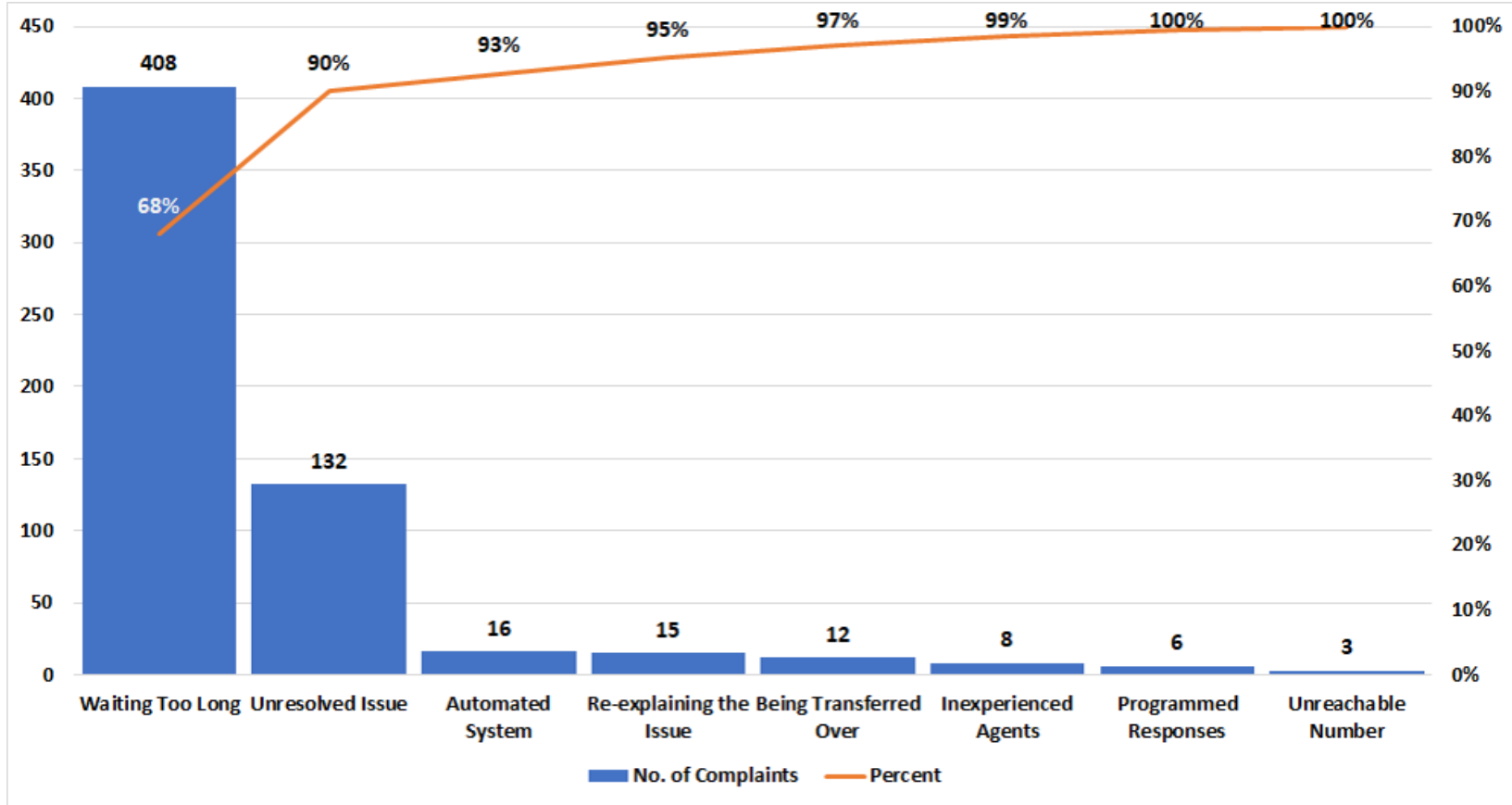
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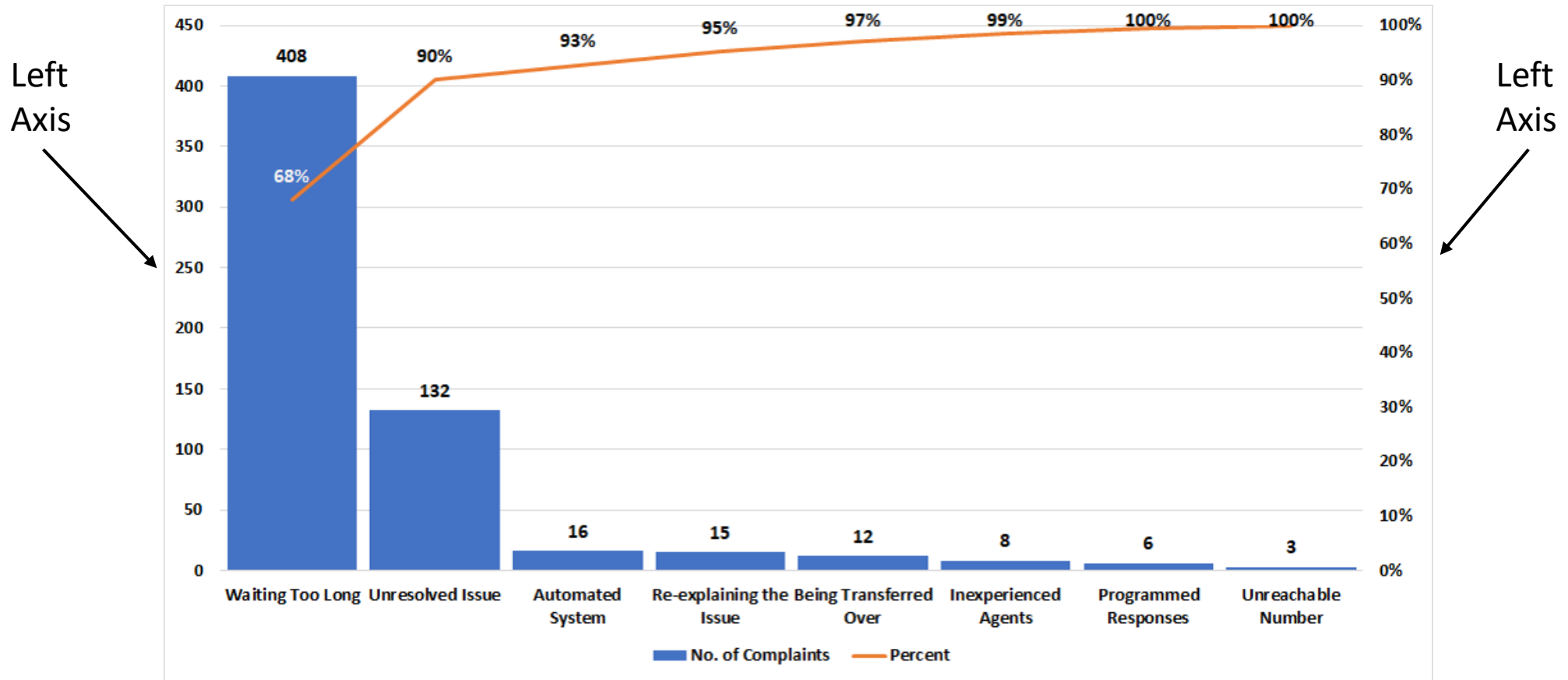
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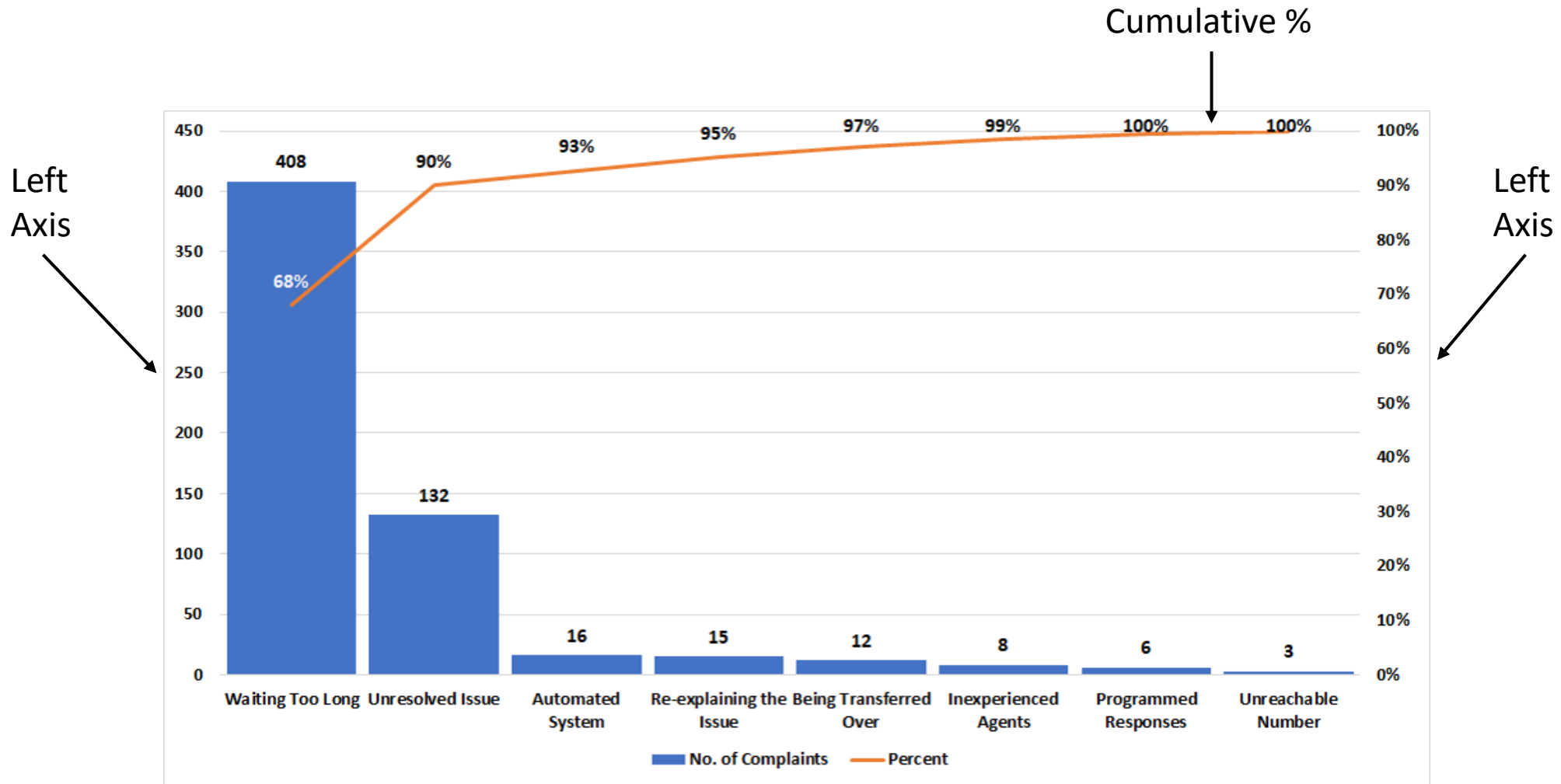


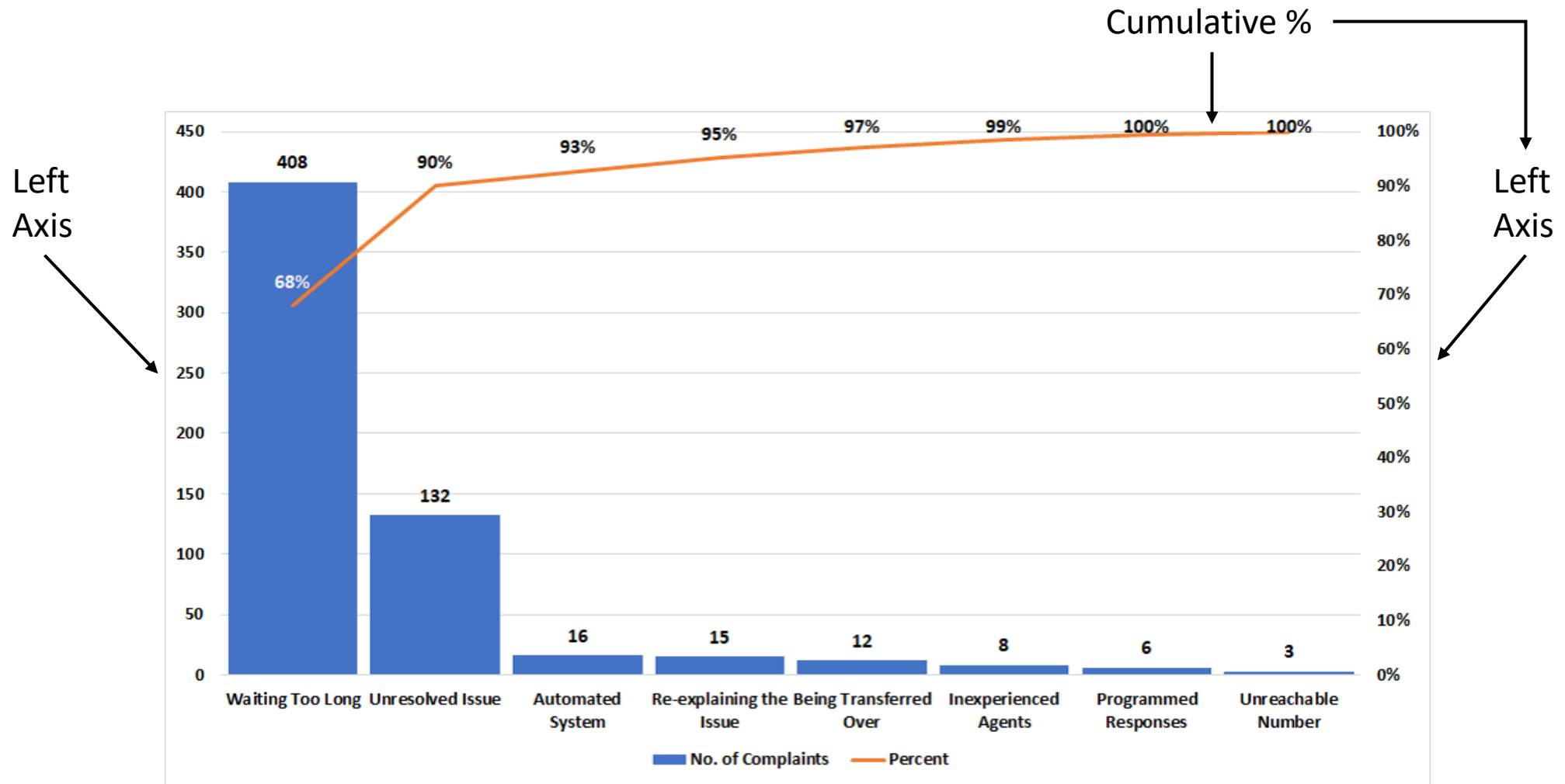


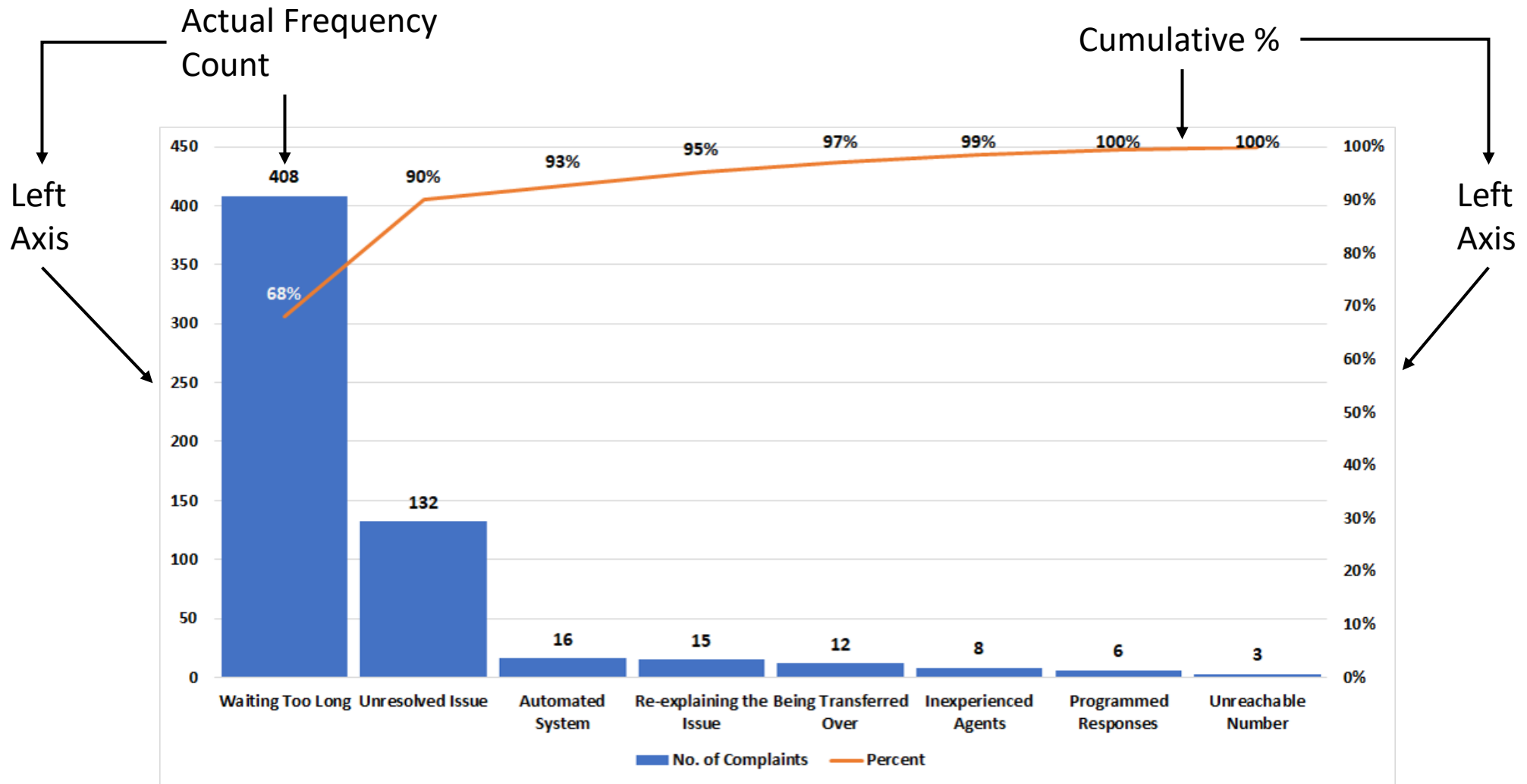
WHAT IS THE MOST COMMON COMPLAINT?

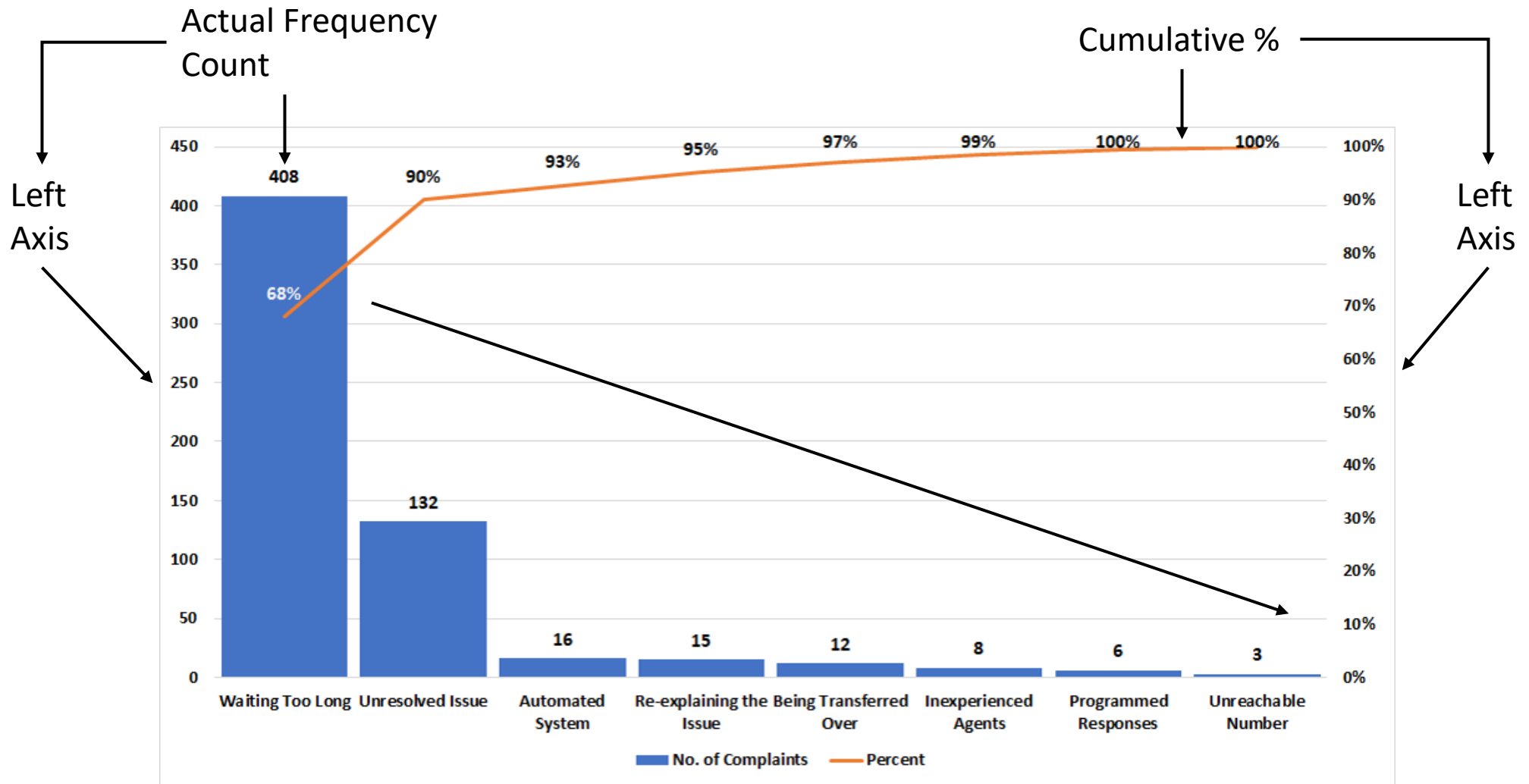


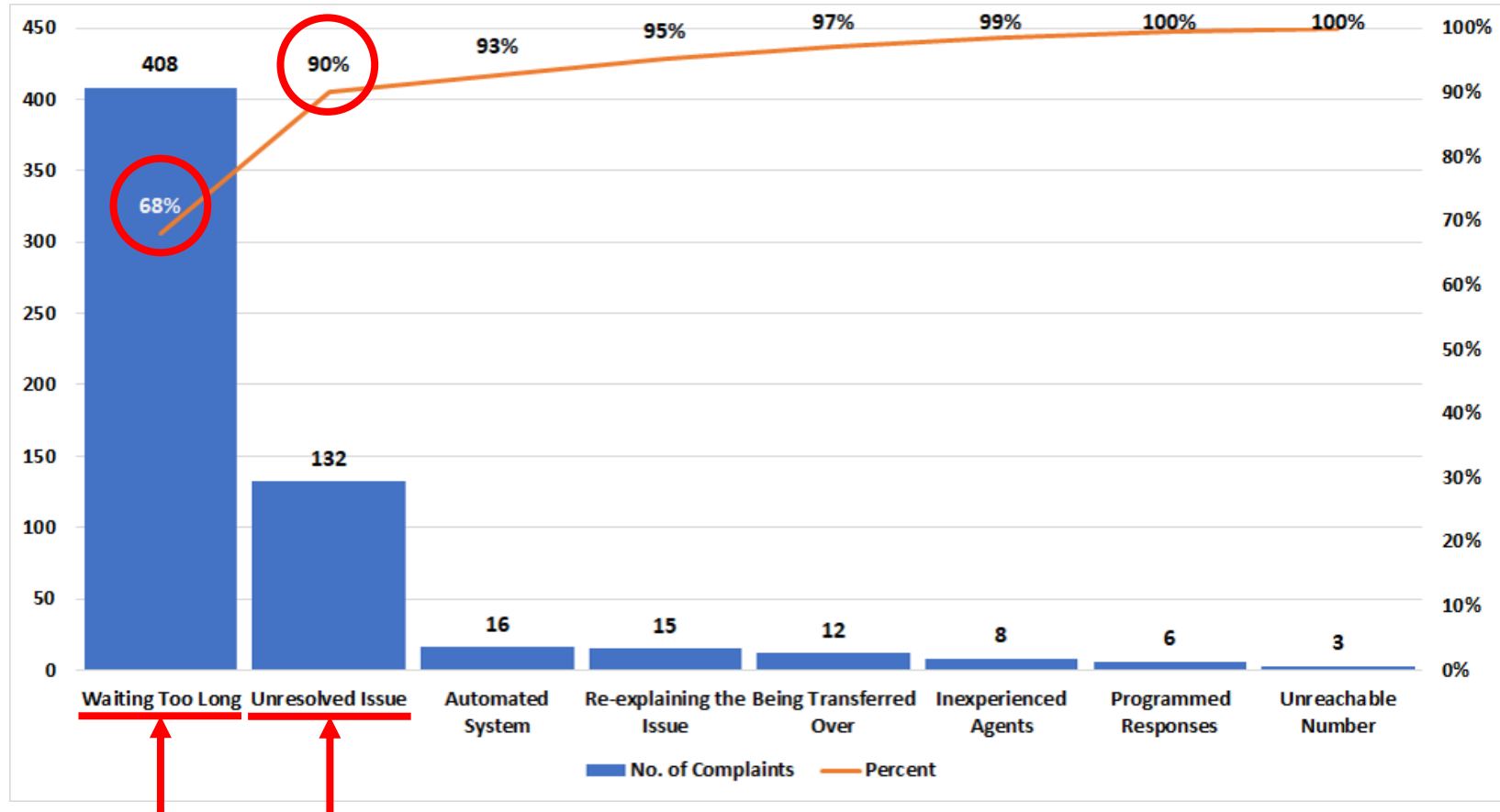




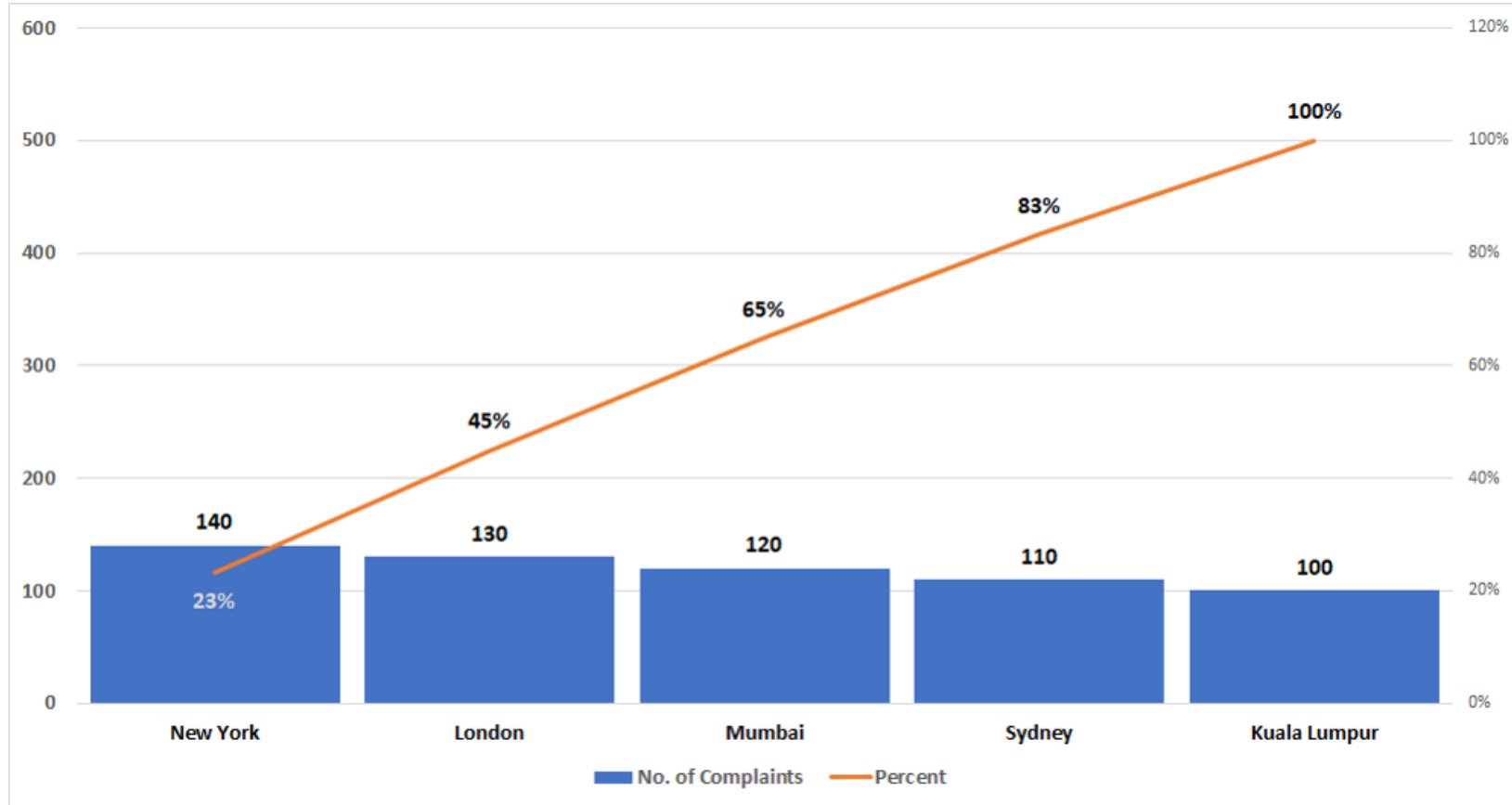




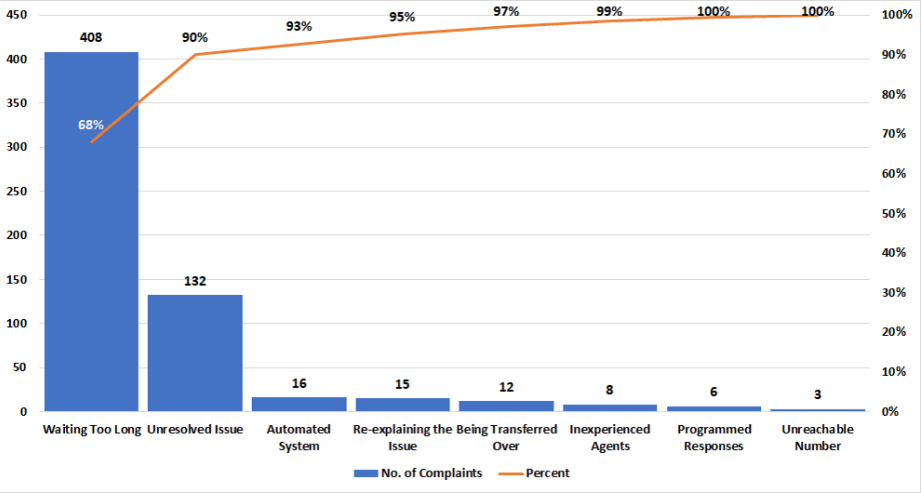




PARETO CHART OF NUMBER OF COMPLAINTS BY LOCATION

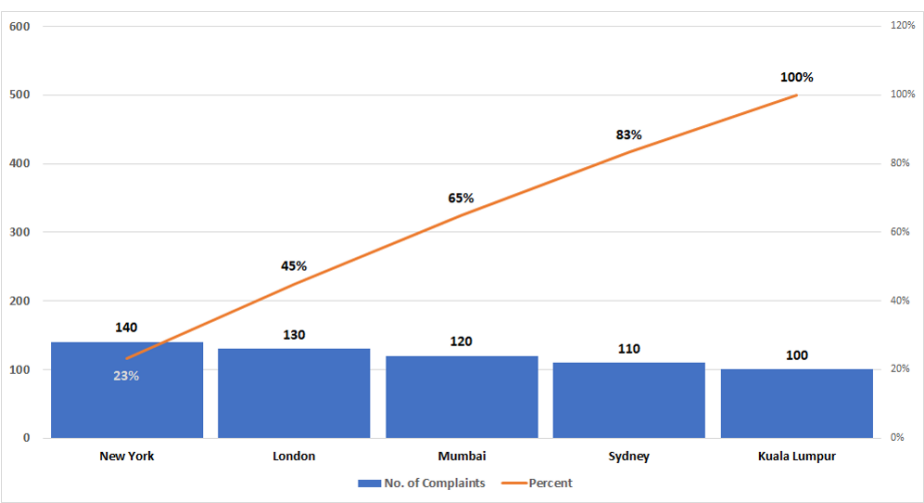


WHAT?

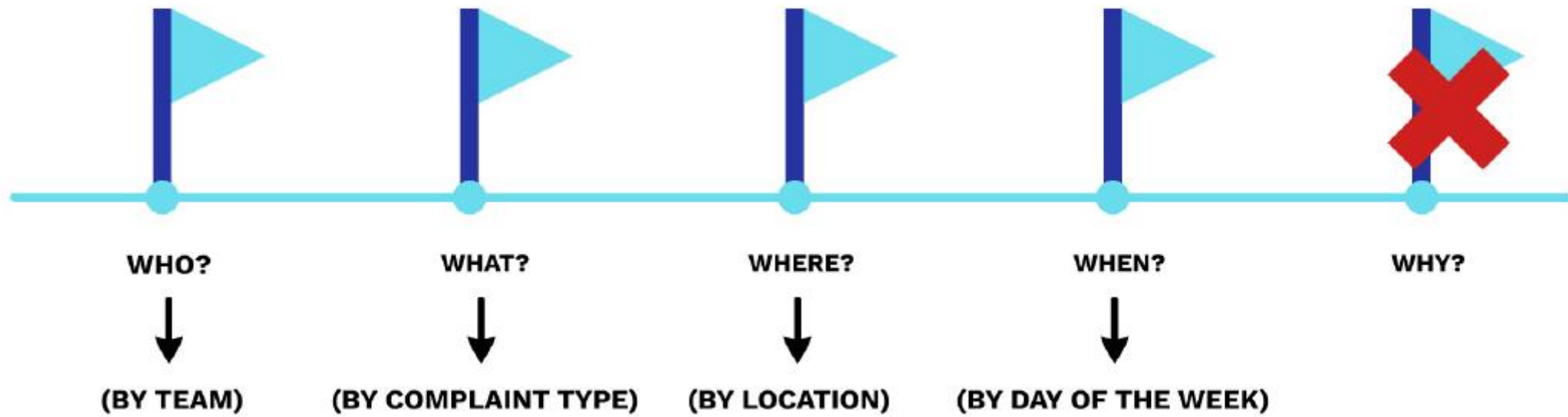


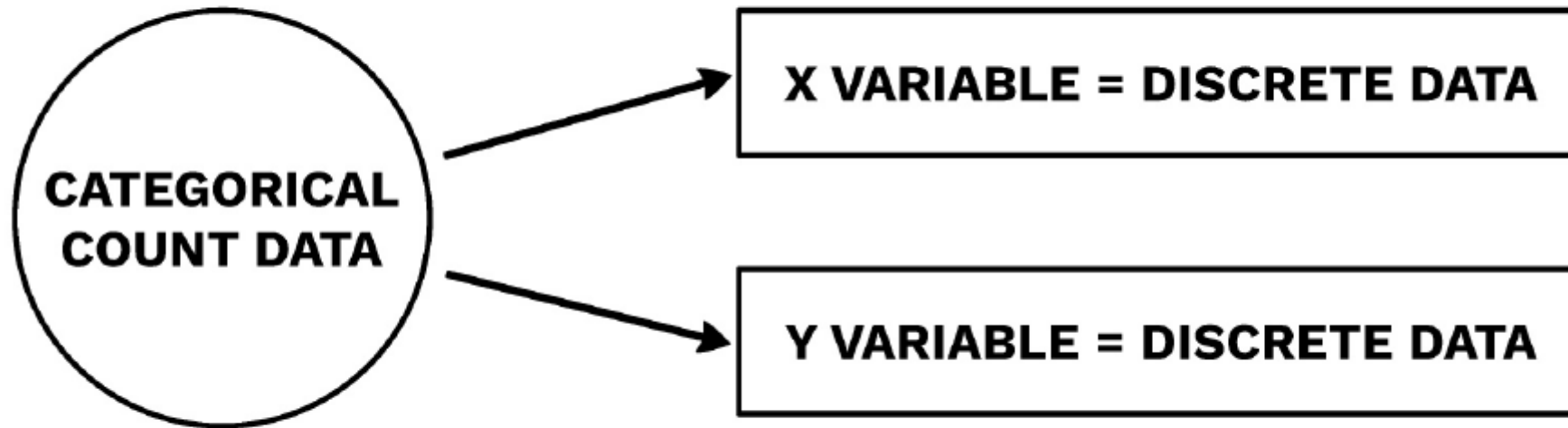
PARETO CHART OF NUMBER OF COMPLAINTS BY COMPLAINT TYPE

WHERE?



PARETO CHART OF NUMBER OF COMPLAINTS BY LOCATION





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DIY EXAMPLE 1 CREATE YOUR PARETO ANALYSIS

DIY EXAMPLE 1

You are given the reasons for flight delays.

You have to:

1. Download the spreadsheet
2. Create a Pareto Chart
3. Identify the top 20% Causes leading to 80%+ Defects

Reasons for Flight Delays	Reason Count
Adverse Weather Conditions	210
Air Traffic Control (ATC) Restrictions	650
Bird Strikes	6
Knock-on effect due to a delayed aircraft	32
Waiting for Cargo	4
Waiting for Connecting Bags	8
Waiting for Connecting Passengers	12
Waiting for Crew	126

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DIY EXAMPLE 2 CREATE YOUR PARETO ANALYSIS

DIY EXAMPLE 1

You are given the data for Sales of Digital Products.

You have to:

1. Download the spreadsheet
2. Create a Pareto Chart
3. Identify the top 20% Countries with 80%+ Sales

Countries	Sales of Digital Products
Brazil	1,208
Canada	1,104
Egypt	974
Germany	943
India	14,572
Philippines	974
United Kingdom	1,588
United States	10,626

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