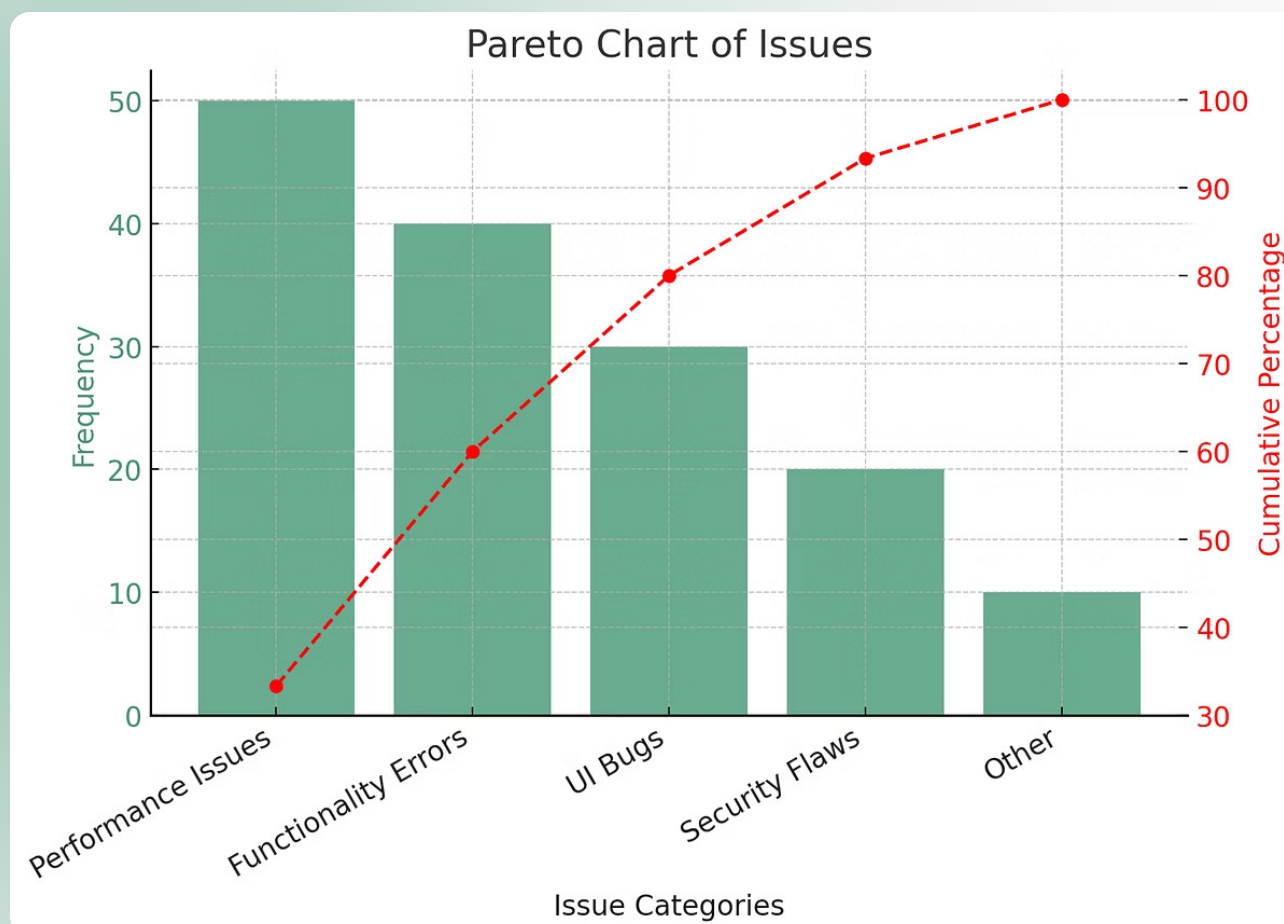




Unlock the 80/20 Secret to Solve Your Biggest Problems

**Discover how Pareto
Charts help you
identify the vital few
causes creating
most of your issues.**

Keep swiping to learn how
this method can help you
to prioritize any issue
effectively.



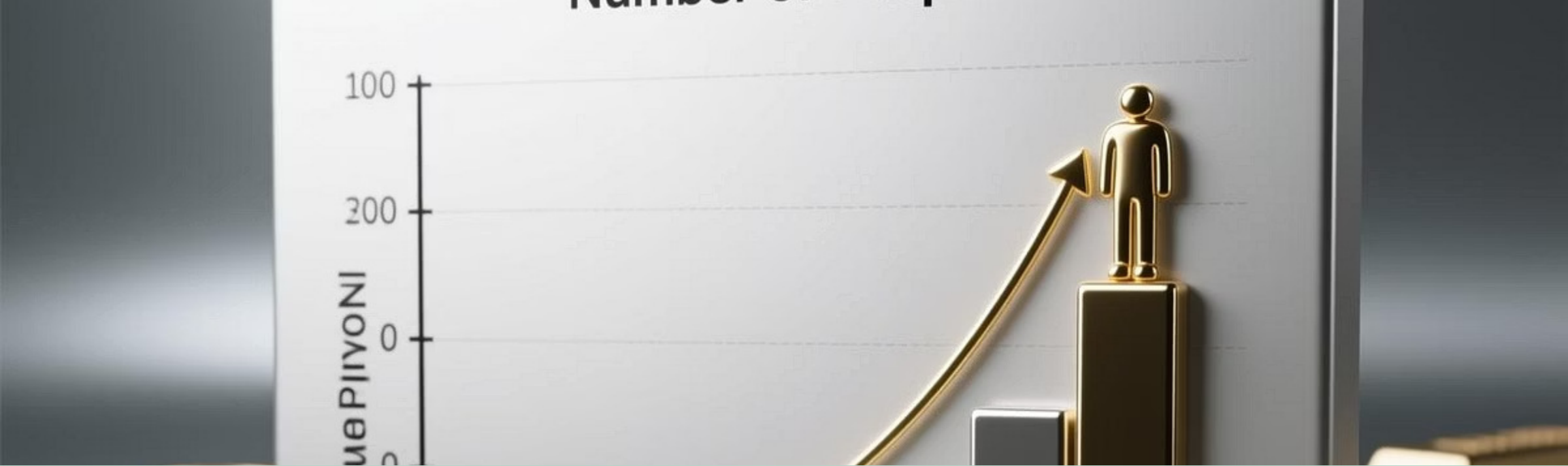
What is a Pareto Chart?

Visual Tool

Combines bar chart and line graph to show which factors have the biggest impact

80/20 Rule

Based on the Pareto Principle: 80% of effects come from 20% of causes



The Pareto Principle in Action

80%

of wealth

Controlled by just 20% of
people

80%

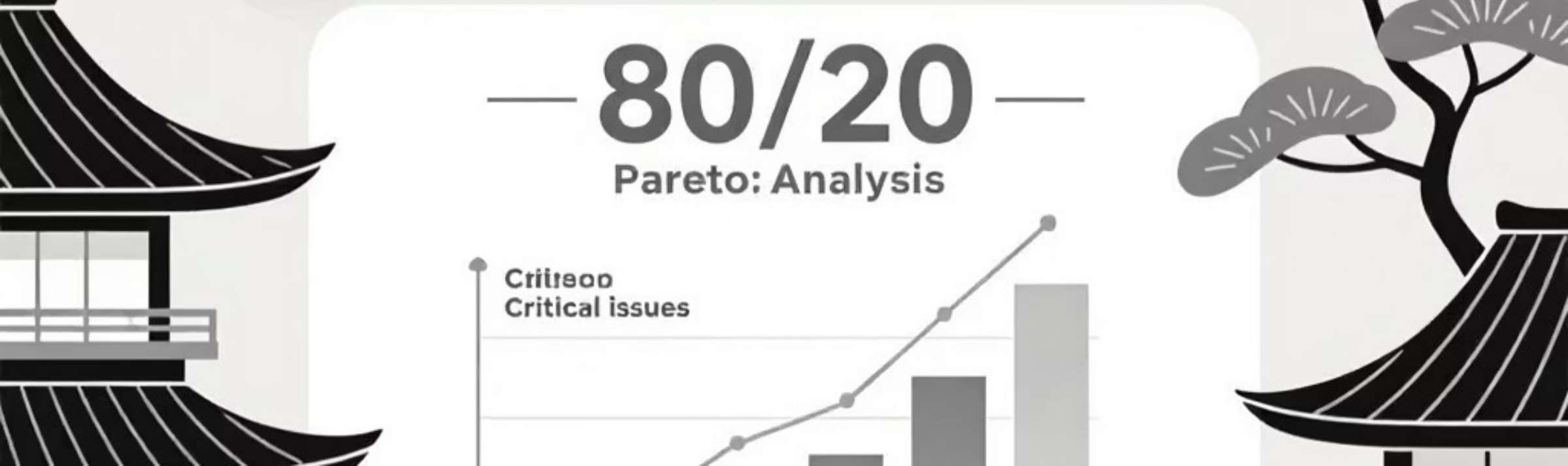
**of quality
problems**

Caused by just 20% of
defects

80%

of sales

Come from 20% of customers



— 80/20 —

Pareto: Analysis



Core Principles of Pareto Analysis

Pareto Principle

The 80/20 rule helps identify asymmetry in cause and effect distributions

Focus on Critical Issues

Concentrate efforts on the vital few causes for maximum impact

Data-Driven Decisions

Use empirical evidence rather than gut feelings or assumptions

How to Create a Pareto Chart

1

1. Collect Data

Gather relevant data on issues or defects systematically

2

2. Categorize Issues

Group similar problems into mutually exclusive categories

3

3. Order Categories

Arrange by frequency from highest to lowest

4

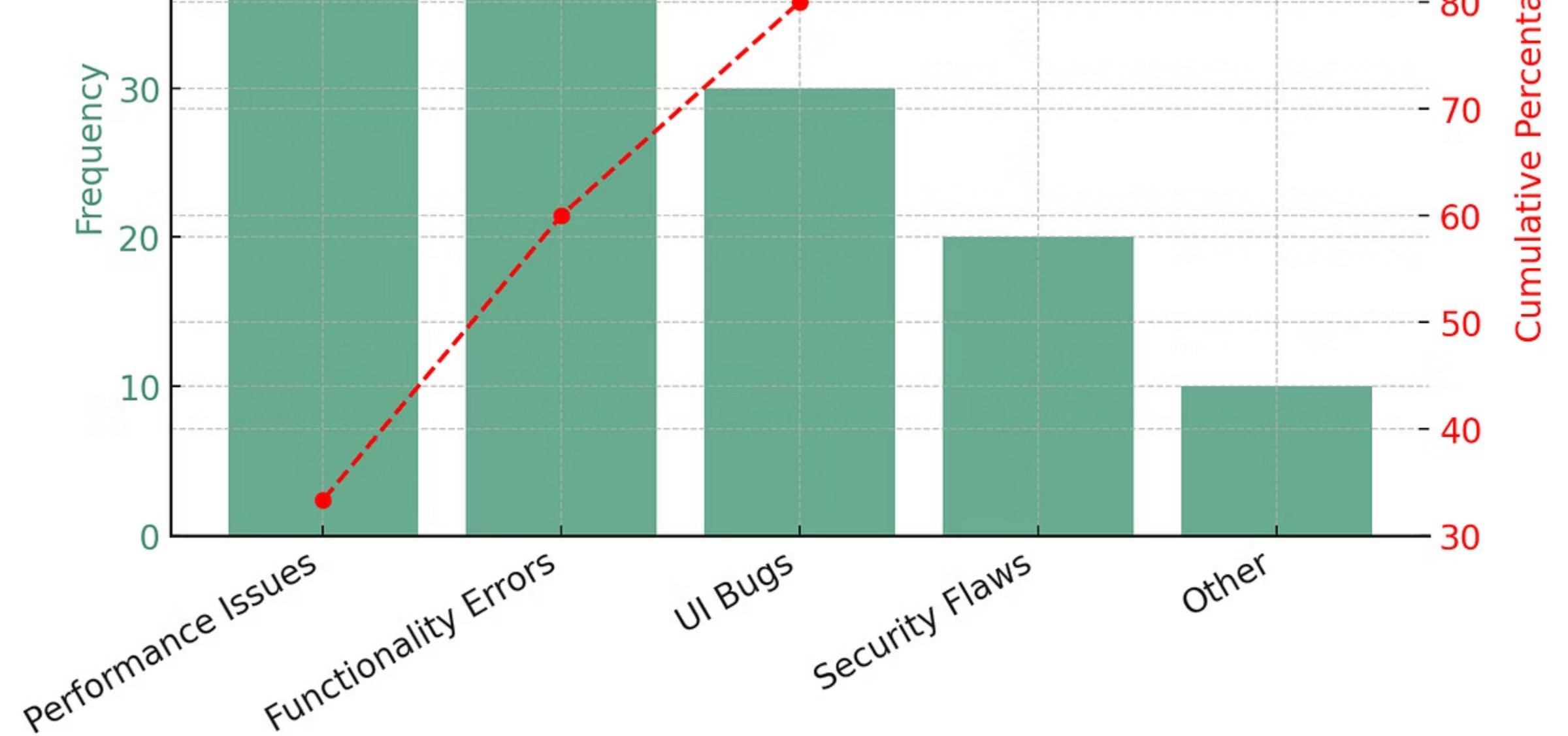
4. Create Chart

Build bars for frequencies with cumulative line graph

5

5. Analyze & Act

Identify the vital few categories worth addressing first



Example: Software Bug Analysis

- 1 Performance issues and functionality errors account for most problems**
- 2 UI bugs represent the next priority area**
- 3 Security flaws, though less frequent, shouldn't be ignored**



Key Benefits of Pareto Charts



Effectiveness

Zeroes in on main issues for maximum impact with minimal resources



Clarity

Visual representation aids understanding and communication



Versatility

Can be applied across all industries and problem types



Limitations to Be Aware Of

Over-simplification

May overlook low-occurrence but high-impact problems

Data Dependency

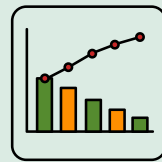
Accuracy relies heavily on data quality and availability

Static Analysis

Fails to capture evolution over time if not regularly updated

Regular Updates

Update with new Data
Reflect Data Fluctuations
Dynamic
Environments



Contextual Analysis

System Context
Relationships between Issues
Organizational Influence



Best Practices for Effective Pareto Analysis



Regular Updates

Refresh your chart with new data to keep it relevant



Comprehensive Data

Collect thorough information across all relevant dimensions



Contextual Evaluation

Consider the broader system when interpreting results



Start Using Pareto Charts Today

Focus your efforts where they'll have the biggest impact. Identify your vital 20% and solve 80% of your problems.

Tag someone who needs to stop wasting time on the wrong problems!

#ParetoPrinciple #ProductivityHack #DataVisualization

About the Author

Martin Schneider

Quality Systems Expert

Creator of

ZeroDefectPizza.com



Ready to identify your vital 20%?

Connect for practical insights on:

1

Finding the problems that matter most

2

Using Pareto Charts to prioritize resources

3

Transforming chaos into focused action

Made with ❤️ for Quality in Bavaria