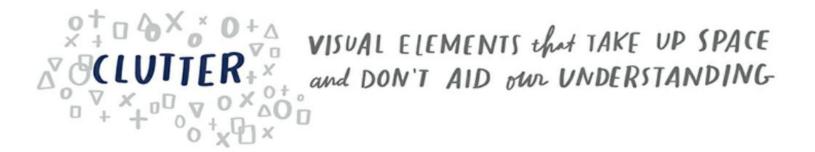


Data Storytelling

3) Eliminate clutter

6 Lessons in data storytelling

- 1. Understand the context
- 2. Choose an appropriate visual display
- 3. Eliminate clutter
- 4. Focus attention where you want it
- 5. Think like a designer
- 6. Tell a story



(OGNITIVE LOAD

The MENTAL EFFORT that'S REQUIRED to LEARN NEW INFORMATION



Every element we put on a page or screen puts cognitive burden on our audience...

so we should take care not to include things that aren't adding information

Cognitive load

Intrinsic load

 is what people have to keep in mind in order to absorb new material.

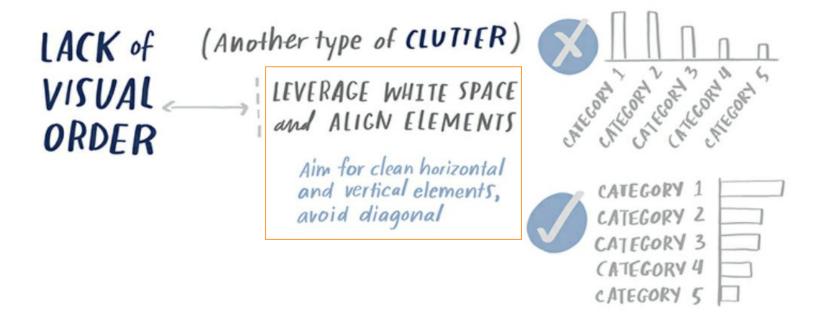
Germane Load

 is the (desirable) mental effort required to link new information to old, which is one of the things that distinguishes learning from memorization.

Extraneous Load

• <u>Is</u> anything that distracts from learning

Lack of visual order



Non strategic use of contrast

NON-STRATEGIC USE of CONTRAST

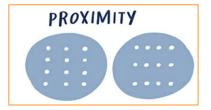
CLEAR CONTRAST IS A SIGNAL, INDICATING WHERE to LOOK

Don't make too many things different, or key points will get lost

GESTALT PRINCIPLES

DESCRIBE HOW WE SUBCONSCIOUSLY ORDER what we SEE in the WORLD

We can use this understanding of how people see to help identify & diminate CLUTTER



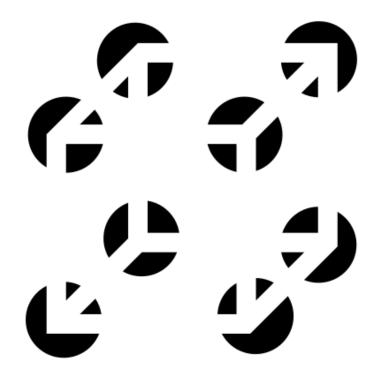




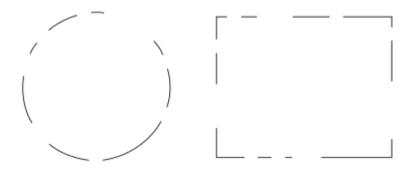


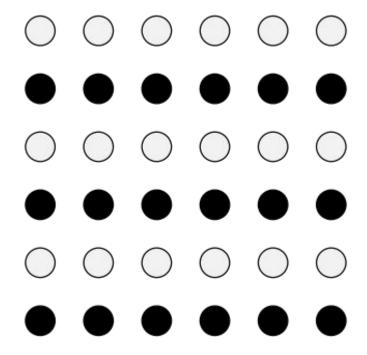


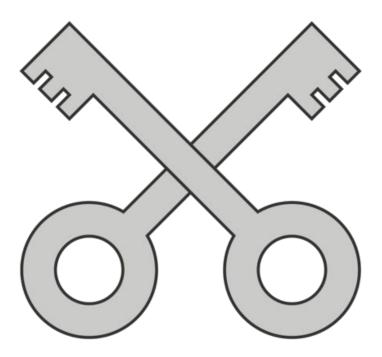




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Example 3.1

Market size over time

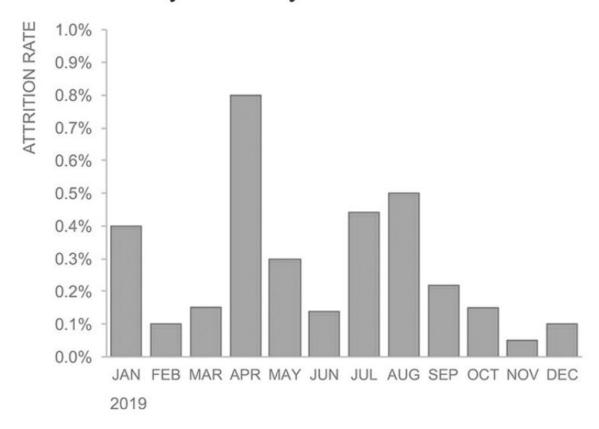


Market size over time

Closure



Example 3.2

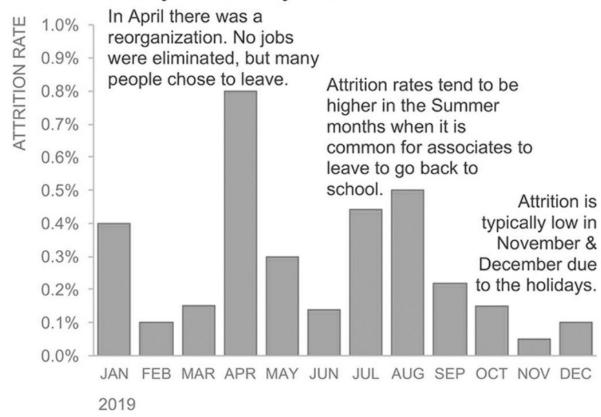


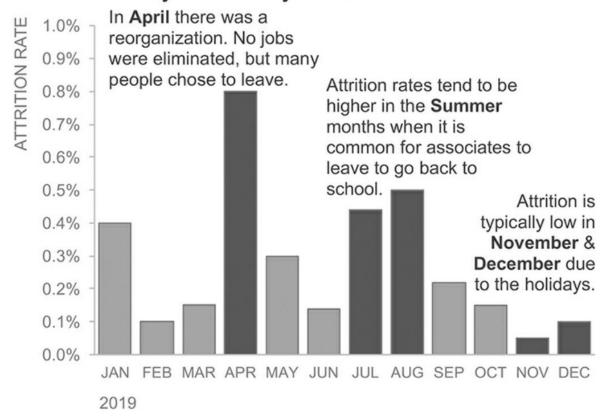
Highlights:

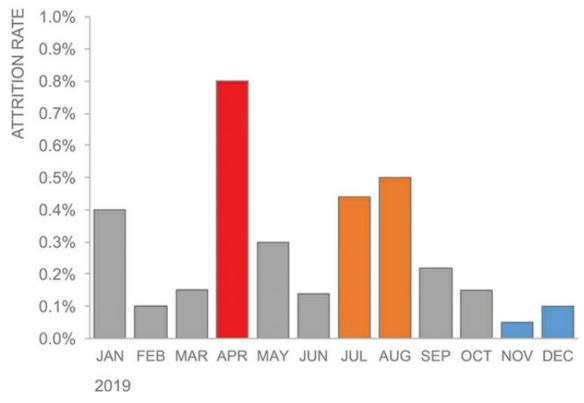
In April there was a reorganization. No jobs were eliminated, but many people chose to leave.

Attrition rates tend to be higher in the Summer months when it is common for associates to leave to go back to school.

Attrition is typically low in November and December due to the holidays.





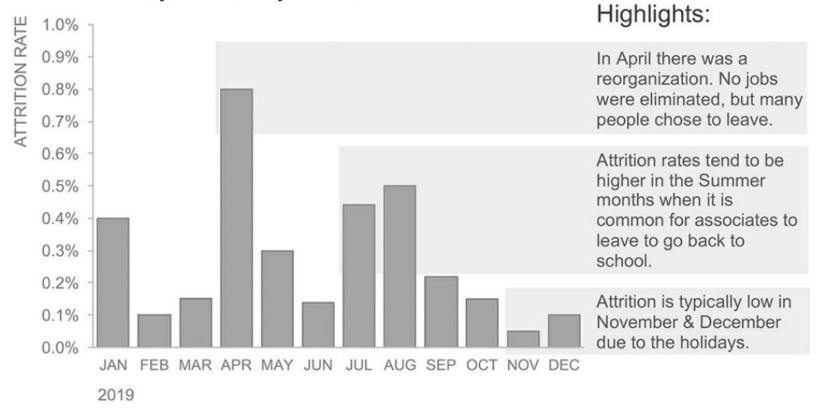


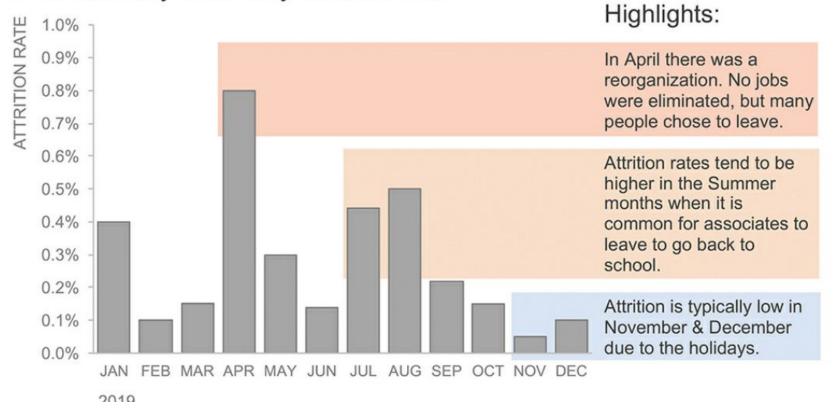
Highlights:

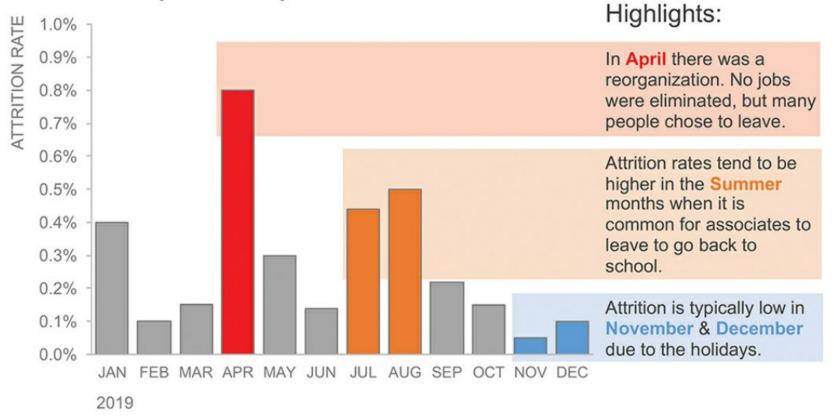
In April there was a reorganization. No jobs were eliminated, but many people chose to leave.

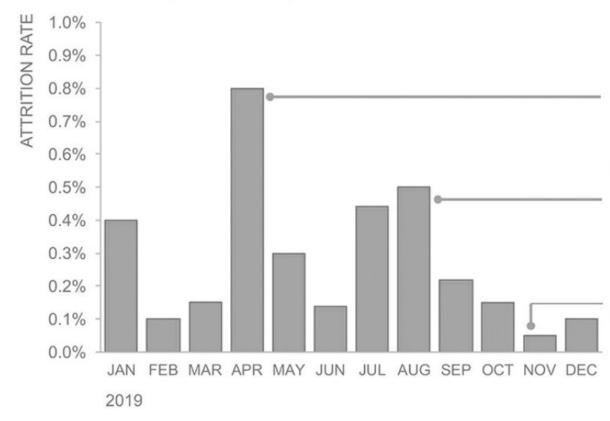
Attrition rates tend to be higher in the **Summer** months when it is common for associates to leave to go back to school.

Attrition is typically low in **November & December** due to the holidays.







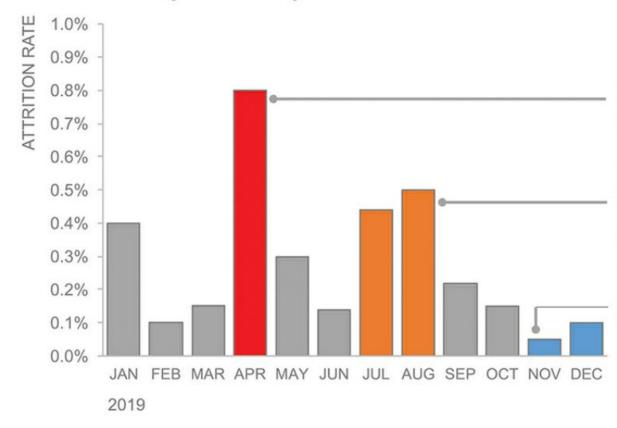


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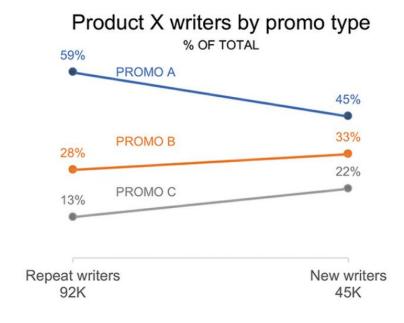
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Example 3.3

There were 45K new writers in the past year.

The distribution across promo types looks different than repeat writers.



Though Promo A makes up the biggest segment overall, they contribute less to new writers than to repeat writers.

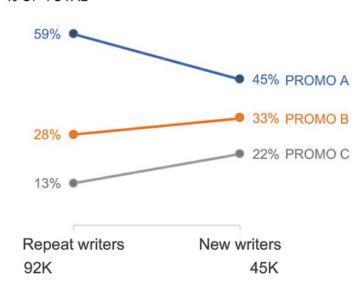
Both Promo B and Promo C brought in higher proportion of new writers compared to repeat writers.

How should we use this data for our future promotion strategy?

There were 45K new writers in the past year.

The distribution across promo types looks different than repeat writers.

Product X writers by promo type % OF TOTAL



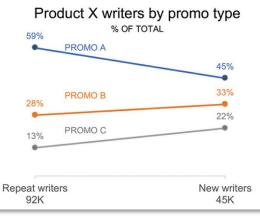
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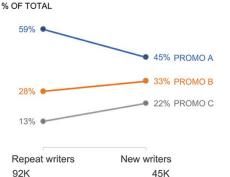
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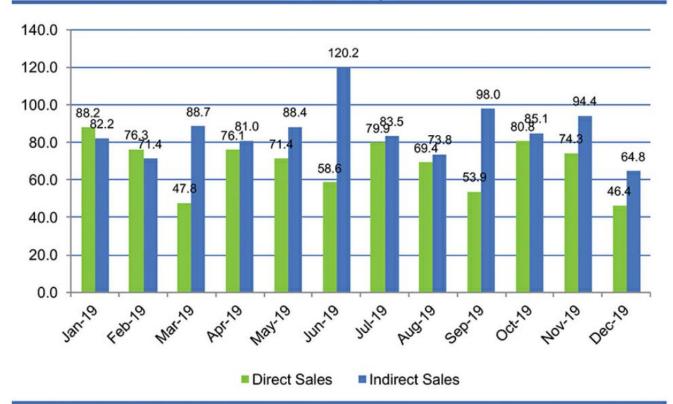
Both Promo B and Promo C brought in higher proportions of new writers compared to repeat writers.

How should we use this data for our future promotion strategy?

Example 3.4

Time to Close Deal

Goal = 90 days



Time to Close Deal

Goal = 90 days



Time to Close Deal Goal = 90 days

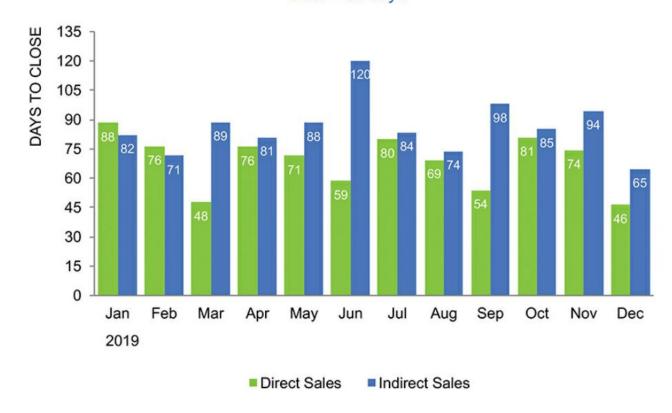


Time to Close Deal Goal = 90 days

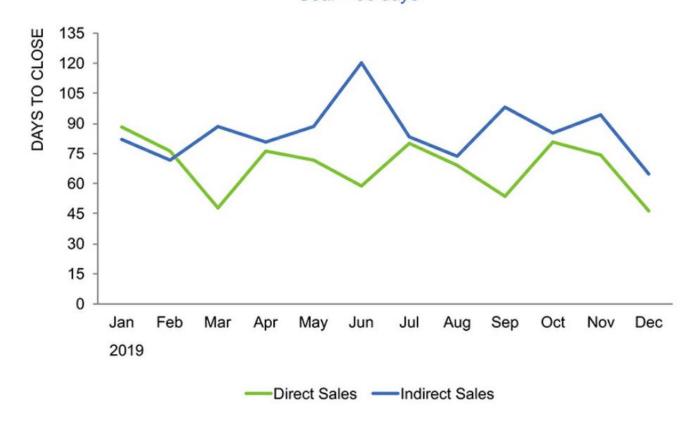


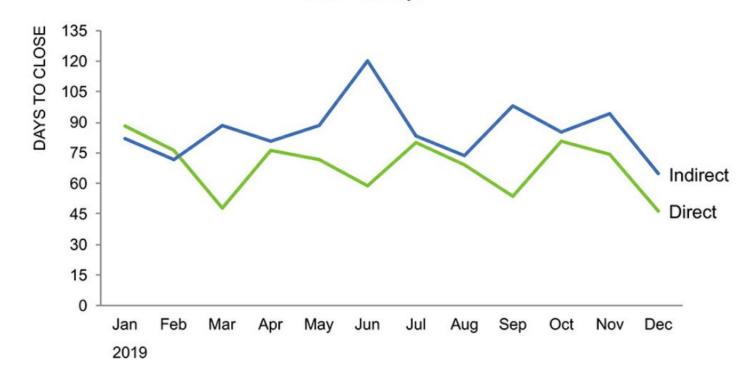


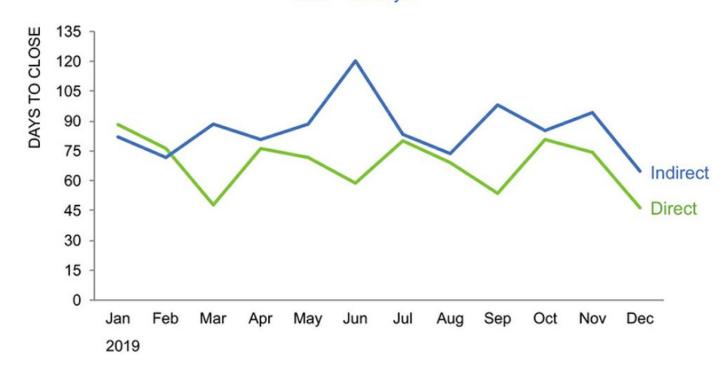






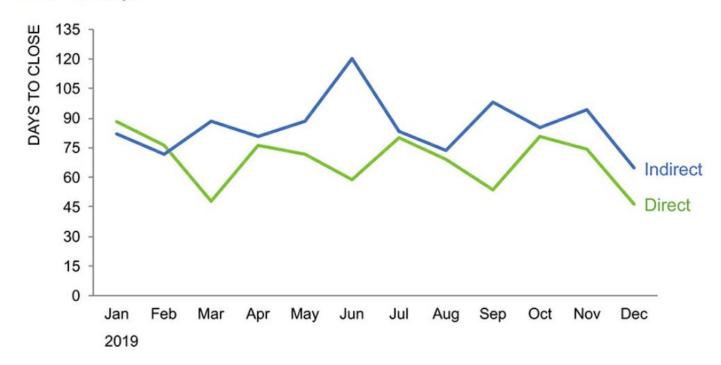




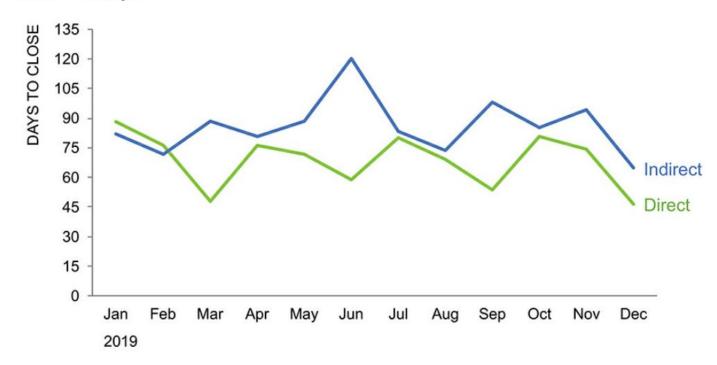


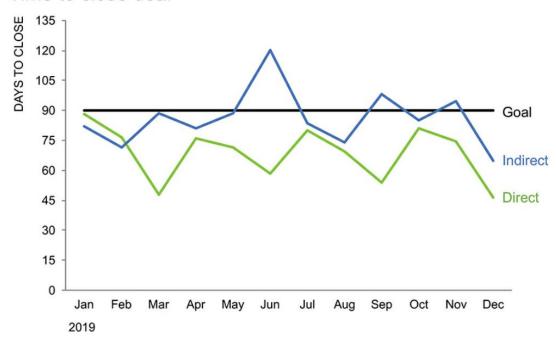
Time to Close Deal

Goal = 90 days

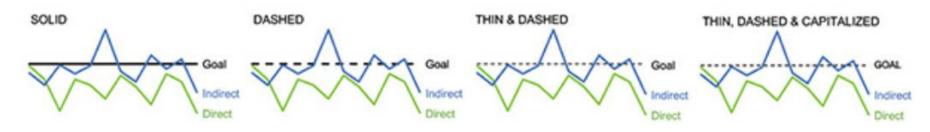


Goal = 90 days



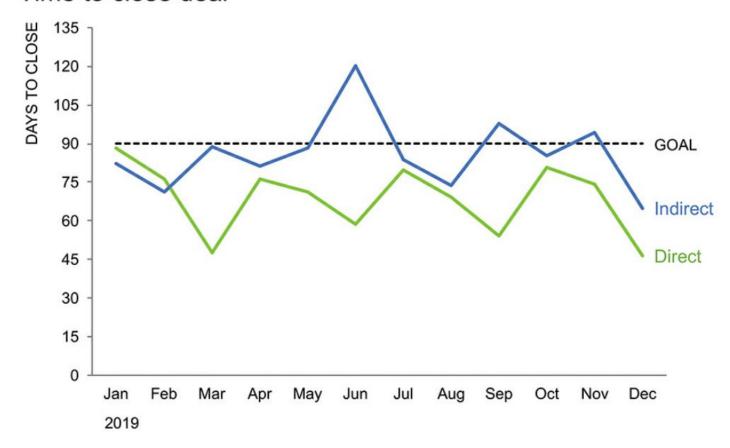


Iterating on goal line

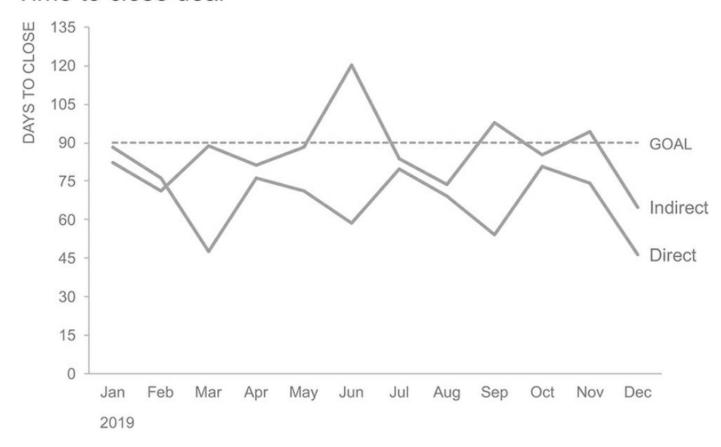


Source: Nussbaumer Knaflic (2020)

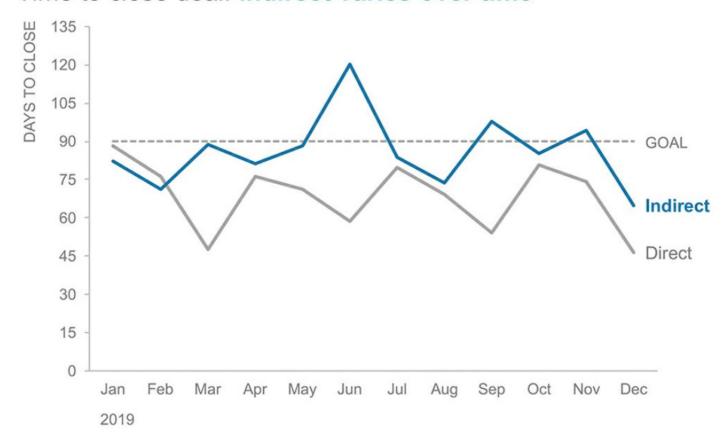
Prof. Dr. Jan Kirenz



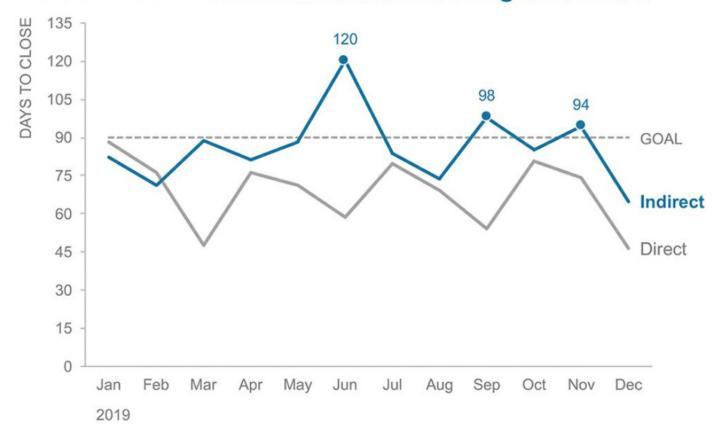
Source: Nussbaumer Knaflic (2020) Prof. Dr. Jan Kirenz



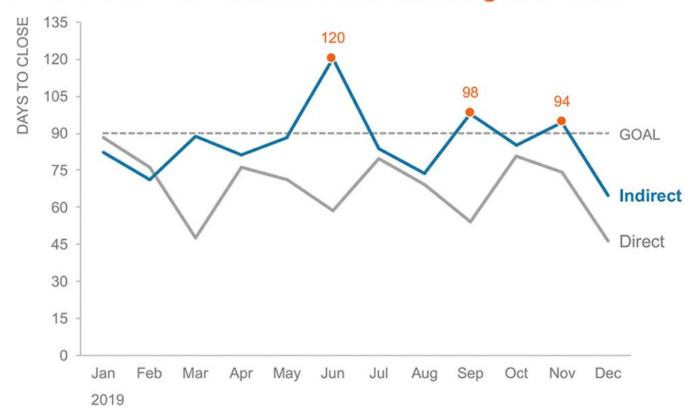
Time to close deal: indirect varies over time



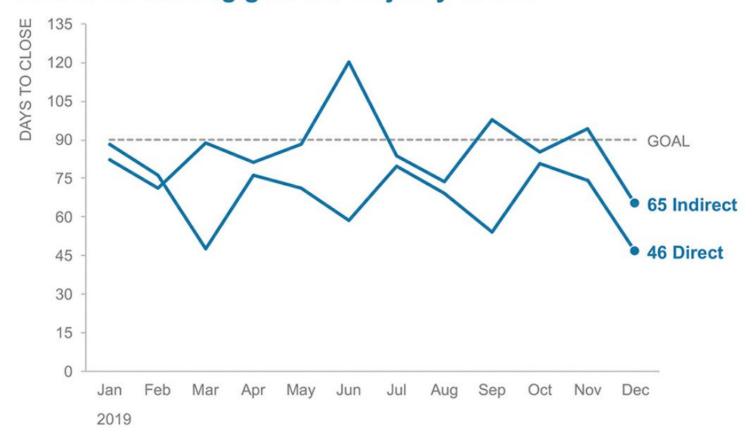
Time to close deal: indirect sales missed goal 3 times



Time to close deal: indirect sales missed goal 3 times



Time to fill: beating goal the majority of time



All resources (exercises & solutions)

Data and solutions for all exercises

Download

