Children's Health

Case Study 4

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What is a Z score?

Z-Score

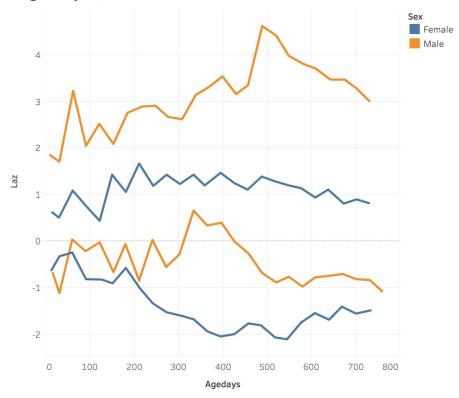
- The formula for calculating a z-score is z = $(x-\mu)/\sigma$
- x is the raw score
- μ is the population mean
- and σ is the population standard deviation

Length Adjusted Z-Scores

Takeaways

- The males tend to get better over time
- The females tend to be more consistent in their health over time

Length Adjusted Z-scores



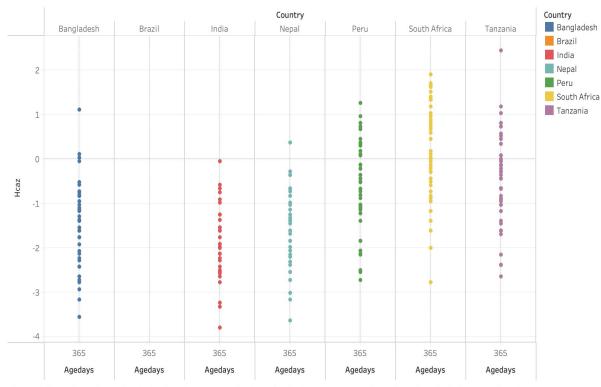
Agedays vs. Laz. Color shows details about Sex. Details are shown for Subjid. The view is filtered on Subjid, which keeps p_0a75432ec142ab99, p_0b3712a6ac967752, p_2bbf210325d1d47f and p_6b8b8baf076813b3.

Distribution of Heights

Takeaways

- South Africa has higher height z-scores than other countries
- India has the lowest height z-scores than the rest of the countries which is cause for concern

Distribution of Heights



The trend of sum of Hcaz for Agedays broken down by Country. Color shows details about Country. Details are shown for Subjid. The view is filtered on Country, Subjid and Agedays. The Country filter excludes Pakistan. The Subjid filter keeps 2,145 of 2,145 members. The Agedays filter ranges from 365 to 365.

Source: Tableau childhealth maled

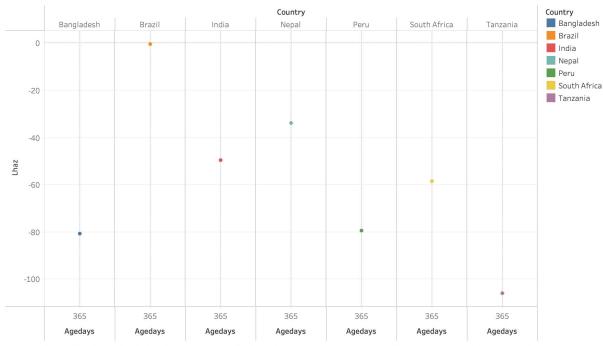
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One Year in Health Chart

Takeaways

- Brazil seems to be the healthiest when it comes to height and length
- Tanzania is the lowest which is major cause of concern due the lower than normal height rates: this could be due to malnourishment or others causes of stunted growth

Visualization of Health



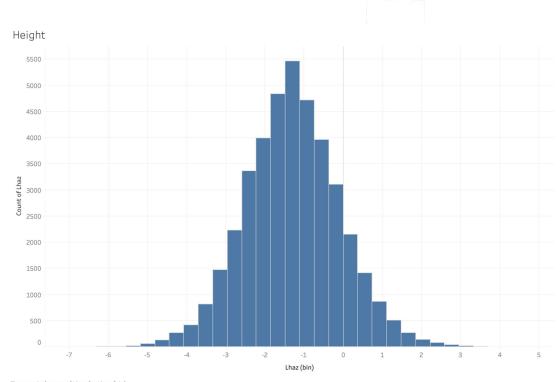
The trend of sum of Lhaz for Agedays broken down by Country. Color shows details about Country. The data is filtered on Subjid, which keeps 2,145 of 2,145 members. The view is filtered on Country and Agedays. The Country filter excludes Pakistan. The Agedays filter ranges from 365 to 365.

Source: Tableau childhealth maled

Visualizing Health

Takeaways

 One slide should show a plot of the heights of the Dutch children over time. Take the time to describe the key takeaways about their growth.



The trend of count of Lhaz for Lhaz (bin).

Source: Tableau childhealth maled

What is the Overall Health?

Health

This has been an overview showing that the health of young babies over their first year has been declining in most states. This could be due to many thing in our environment out of our control, but things we can do is seeking proper medical care.

Selling your idea

Created in partnership with Chip and Dan Heath, authors of the bestselling book Made To Stick, this template advises users on how to build and deliver a memorable presentation of a new product, service, or idea.





1. Intro

Choose one approach to grab the audience's attention right from the start: unexpected, emotional, or simple.

→ Unexpected

Highlight what's new, unusual, or surprising.

→ Emotional

Give people a reason to care.

→ Simple

Provide a simple unifying message for what is to come

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Just one! Your own.

(With a little help from your smart phone)



Tip

Remember. If something sounds like common sense, people will ignore it.

Highlight what is unexpected about your topic.

The Google Translate app can repeat anything you say in up to **NINETY LANGUAGES** from German and Japanese to Czech and Zulu





2. Examples

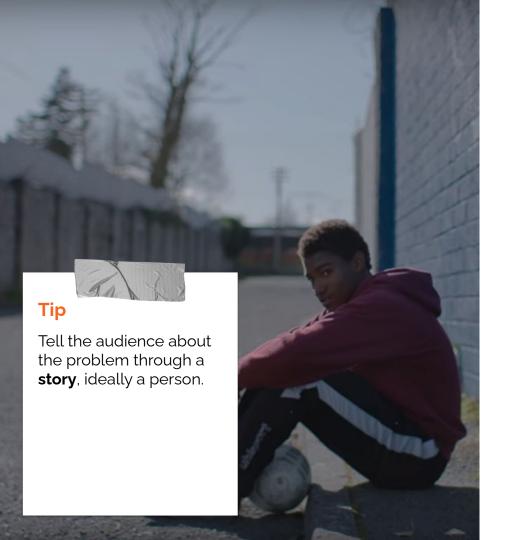
By the end of this section, your audience should be able to visualize:

→ What

What is the pain you cure with your solution?

→ Who

Show them a specific person who would benefit from your solution.



Meet Alberto.

He recently moved from Spain to a small town in Northern Ireland.

He loved soccer, but feared he had no way to talk to a coach or teammates.

Meet Marcos.

He recently opened a camera shop near the Louvre in Paris.

Visitors to his store, mostly tourists, speak many different languages making anything beyond a simple transaction a challenge.



A translation barrier left Alberto feeling lonely and hurt Marco's business.



Tip

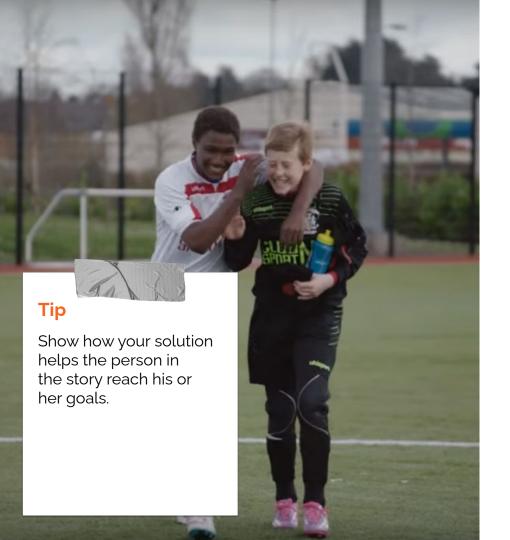
Ideally, speak of people in very different situations, but where each could benefit from your solution.

Then, Marcos discovered Google Translate

He has his visiting customers speak their camera issues into the app.

He's able to give them a friendly, personalized experience by understanding exactly what they need.





A simple gesture

Coaches Gary and Glen knew no Spanish.

They used Google Translate to invite Alberto to join in... "Do you want to play?"... "Can you defend the left side?"

From outsider to star

Alberto scored 30 goals in 21 games. He is now being scouted by several professional clubs in the Premier League. And he's a favorite of the other boys on the team.

See a short video on Alberto's story



Stories become more credible when they use concrete details such as the specific complex moves Alberto learned through Translate and his 30 goals in 21 games performance stats.



3. Examples

People need to understand how rare or frequent your examples are.

Pick 1 or 2 statistics and make them as concrete as possible. Stats are generally not sticky, but here are a few tactics:

→ Relate

Deliver data within the context of a story you've already told

→ Compare

Make big numbers digestible by putting them in the context of something familiar _

It's no surprise Marcos uses Google Translate in his shop regularly.

There are 23 officially recognized languages in the EU.



Tip

Don't let data stand alone. Always relate it back to a story you've already told, in this case, Marco's shop.

Source: theguardian.com

More than 50 million Americans travelled abroad in 2015

THAT'S MORE THAN THE POPULATION OF CALIFORNIA AND TEXAS COMBINED



Source: travel.trade.gov



4. Closing

Build confidence around your product or idea by including at least one of the these slides:

→ Milestones

What has been accomplished and what might be left to tackle?

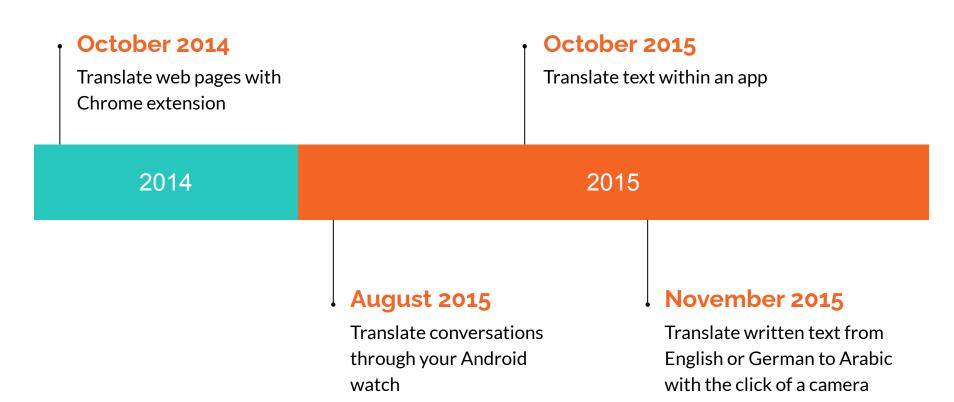
→ Testimonials

Who supports your idea (or doesn't)?

→ What's next?

How can the audience get involved or find out more?

Milestones



What people are saying

With this app, I'm confident to plan a trip to rural Vietnam

Wendy Writer, CA

Visual translation feels like magic

Ronny Reader, NYC

Translate has officially inspired me to learn French

Abby Author, NYC

Know a 2nd language? Make Google Translate even better by joining qiT the community.

Inspire your audience to act on the information they just learned.

Depending on your idea, this can be anything from downloading an app to joining an organization.



Good luck!

We hope you'll use these tips to go out and deliver a memorable pitch for your product or service!

For more (free) presentation tips relevant to other types of messages, go to heathbrothers.com/presentations

For more about making your ideas stick with others, check out our book!

