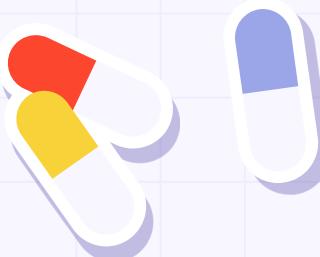


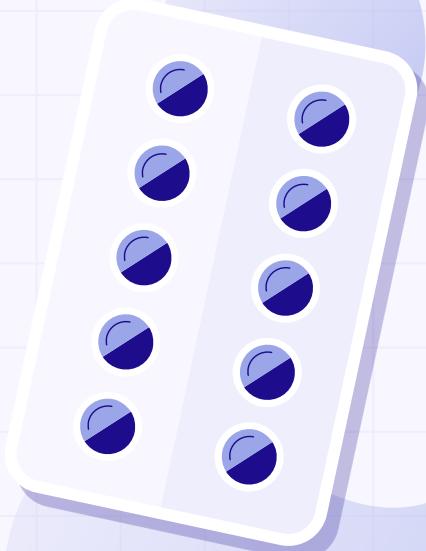
Enhancing Healthcare With AI

Chest X-ray Classification



01

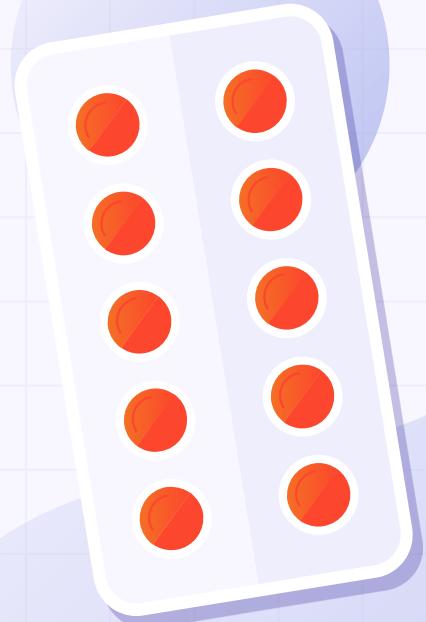
Purpose and Importance





Understanding the Challenge

Data Collection



Model Building

01

CNN

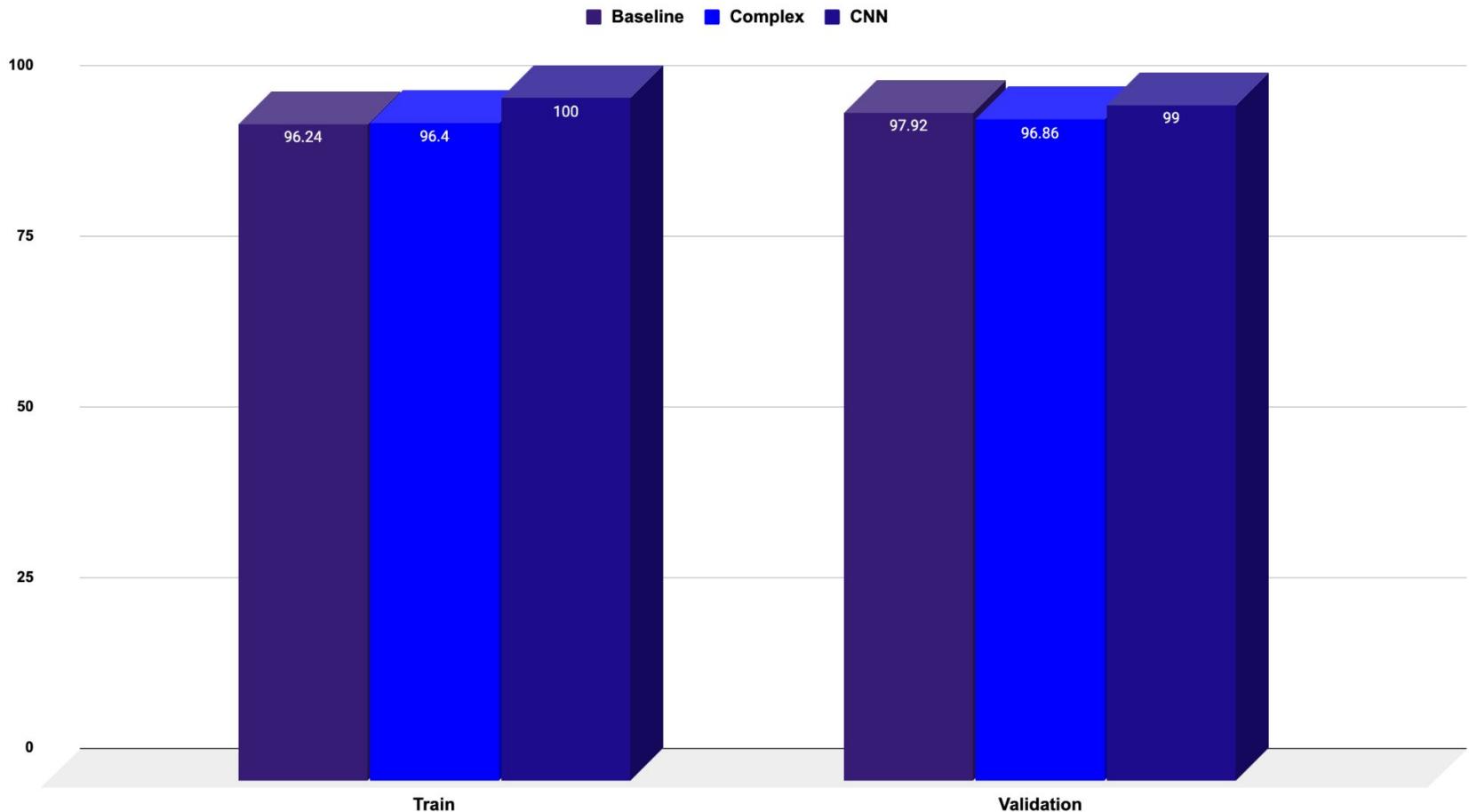
02

Dense Neural
Network

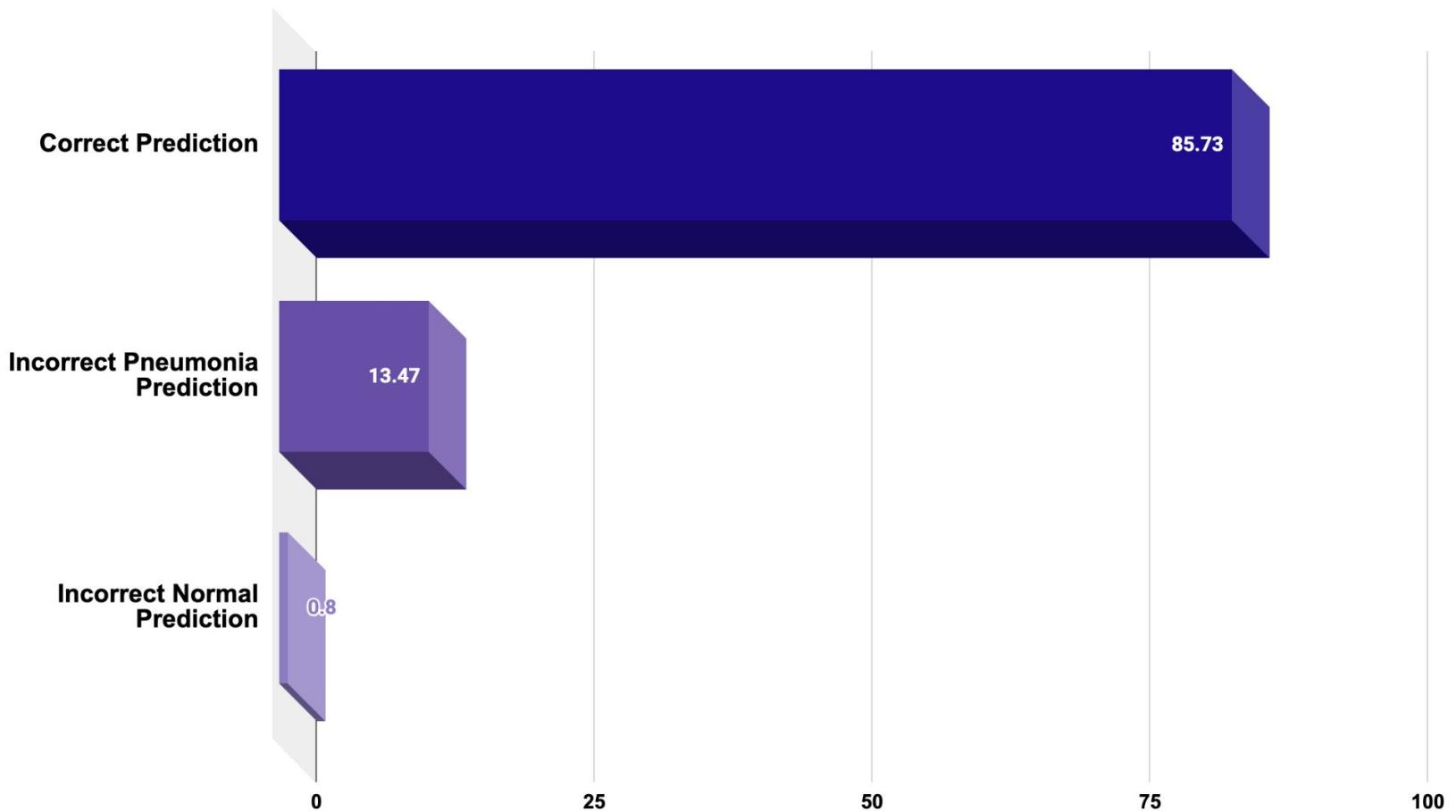
03

Baseline Model

Baseline, Complex and CNN Models Recall Scores



Prediction Rate of CNN Model



Conclusions and Recommendations

99% recall

771/777 correct
predictions



Next Steps



Thank you!

Do you have any questions?

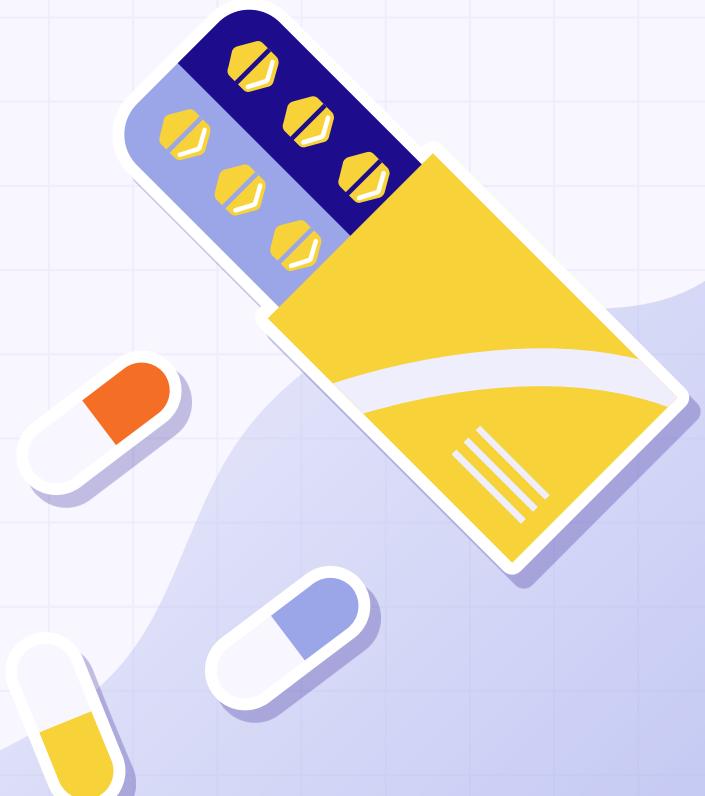
Ramses Nestor Reis 

ramses.nestor.reis@gmail.com

Paul Justafort 

ing.pmary@gmail.com

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon** and infographics & images by **Freepik**



Contents of this template

This is a slide structure based on a breakthrough presentation

You can delete this slide when you're done editing the presentation

Fonts	To view this template correctly in PowerPoint, download and install the fonts we used
Used and alternative resources	An assortment of graphic resources that are suitable for use in this presentation
Thanks slide	You must keep it so that proper credits for our design are given
Colors	All the colors used in this presentation
Infographic resources	These can be used in the template, and their size and color can be edited
Customizable icons	They are sorted by theme so you can use them in all kinds of presentations

For more info:

[SLIDESGO](#) | [SLIDESGO SCHOOL](#) | [FAQS](#)

You can visit our sister projects:

[FREEPIK](#) | [FLATICON](#) | [STORYSET](#) | [WEPIK](#) | [VIDFY](#)

Background

Mercury

It's the closest planet to the Sun

Venus

Venus is the second planet from the Sun

Mars

Mars is actually a very cold place

Jupiter

Jupiter is the biggest planet of them all

Saturn

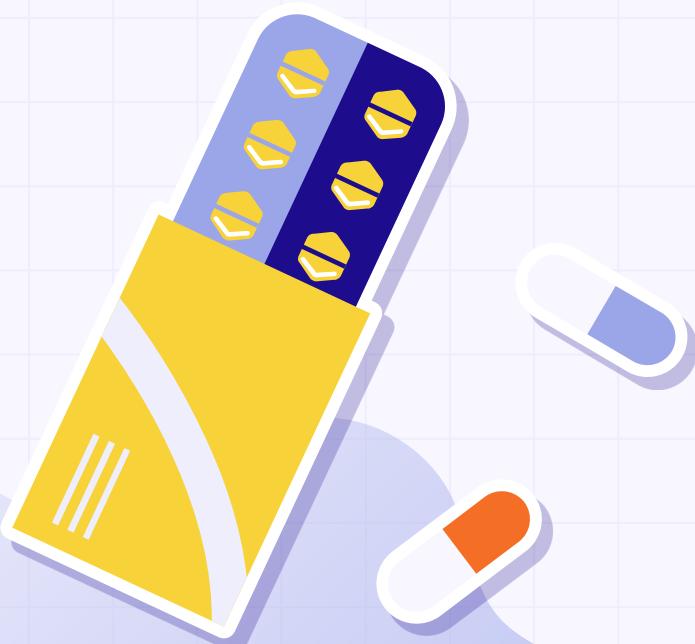
It's composed of hydrogen and helium

Neptune

It's the farthest planet from the Sun



Alcoholism treatment goals



Mercury

It's the closest planet to the Sun and the smallest in the Solar System

Venus

Venus has a beautiful name and is the second planet from the Sun

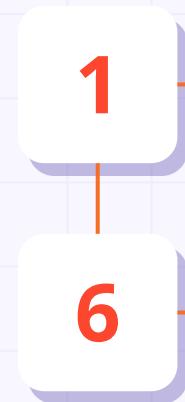
Saturn

Despite being red, Mars is actually a cold place. It's full of iron oxide dust

Methods

Mercury is small

Observation

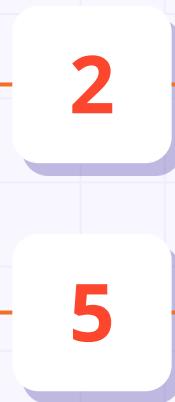


Report

Saturn has rings

Venus is a hot planet

Sampling



Experimentation

Jupiter is a huge planet

Earth has life

Data collect



Hypothesis

Mars is a cold planet

Research resources



- You can list your reference websites or publications here
- You can list your reference websites or publications here
- You can list your reference websites or publications here
- You can list your reference websites or publications here

Factors to consider

Mercury

Mercury is the closest planet to the Sun and the smallest one in the Solar System—it's only a bit larger than the Moon

Venus

Venus has a beautiful name and is the second planet from the Sun. It's hot and has a poisonous atmosphere



Success rate

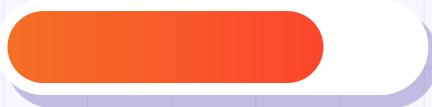
50%



Mercury

It's the closest planet to the Sun and the smallest in the Solar System

75%



Venus

Venus has a beautiful name and is the second planet from the Sun

95%



Mars

Despite being red, Mars is actually a cold place. It's full of iron oxide dust

Clinical trial



Preclinical

- Mercury is the smallest planet
- Mercury is a rocky planet



Phase 1

- Venus has a beautiful name, but it's hot
- Venus is hotter than Mercury
- Venus has a toxic atmosphere



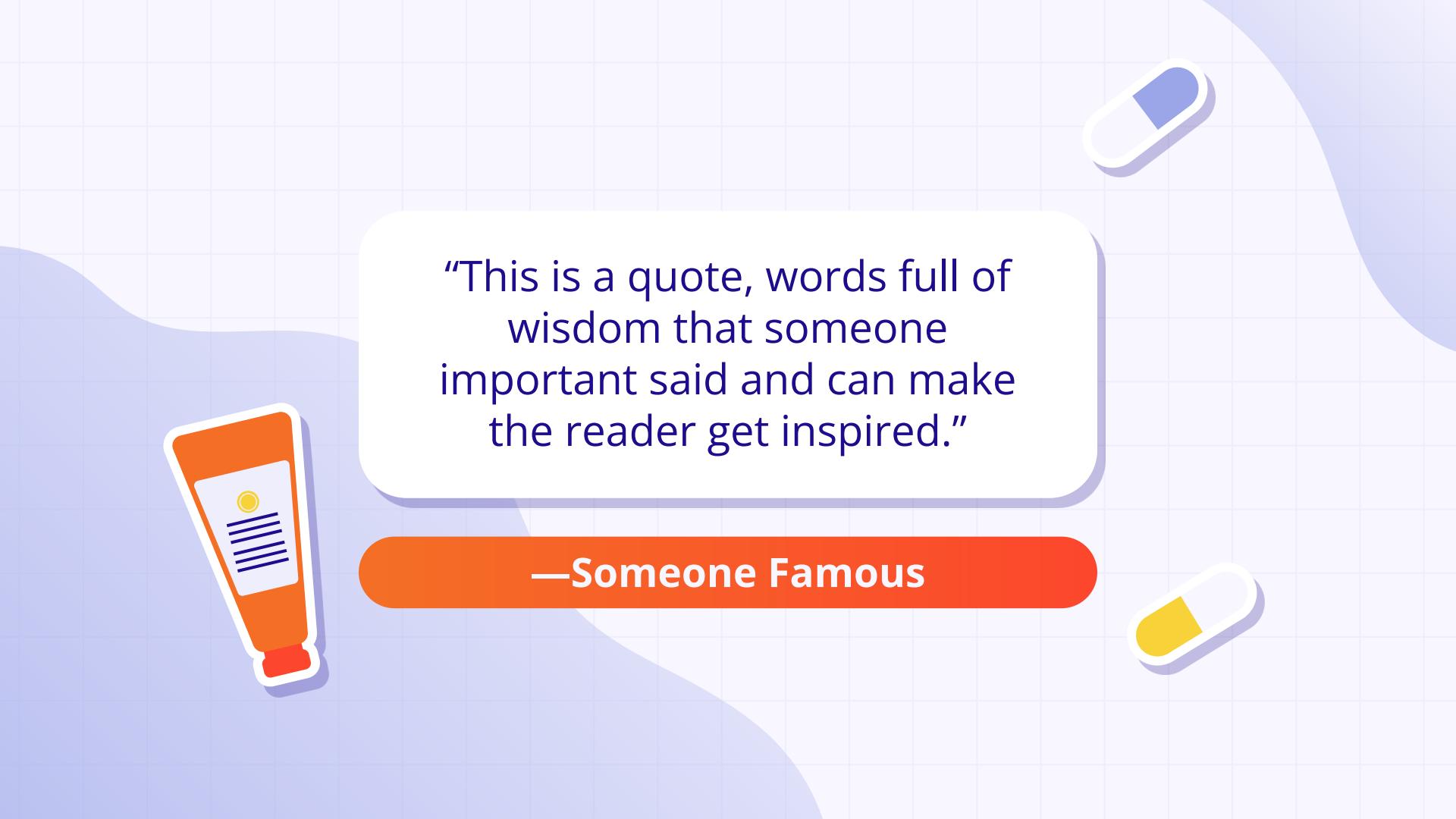
Phase 2

- Despite being red, Mars is actually cold
- Mars is full of iron oxide dust, which gives the planet its color



Phase 3

- Jupiter is a gas giant and the biggest planet in the Solar System
- Jupiter doesn't have a surface



“This is a quote, words full of wisdom that someone important said and can make the reader get inspired.”

—Someone Famous

Trial timeline

Mercury is the smallest planet of them all

Research

Despite being red, Mars is a cold place

Experimentation

Neptune is very far from the Sun

Conclusions



Preclinical

Jupiter is the biggest planet of them all

Results

Saturn is a gas giant with several rings

Phase 1



Young healthy people
20-80 participants
Mainly female

80%



Success

Secondary Effects

Venus has extremely high temperatures

Results

Venus has a beautiful name and is the second planet from the Sun

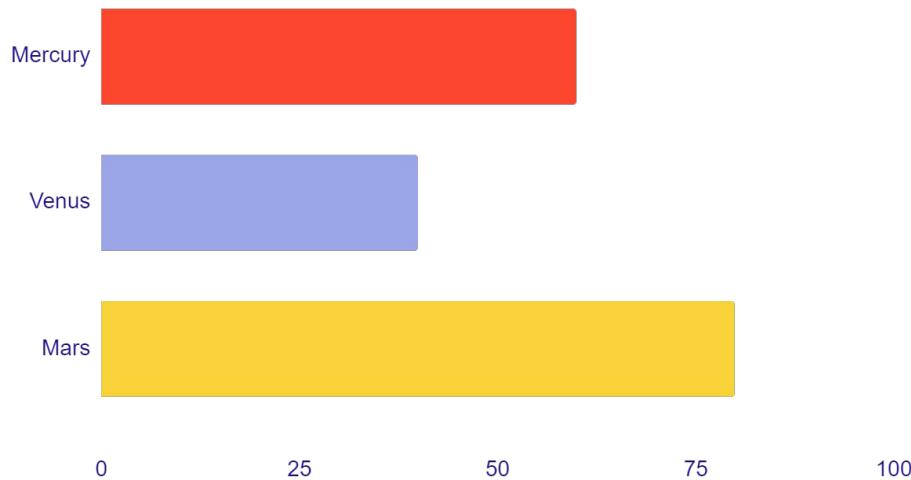
Goal

Study the safety of medication

6 months

Experimentation time

Alcoholism treatment tendency



Mercury

Mercury is a small planet

60%

Venus

Venus has a beautiful name

60%

Mars

Mars is actually a cold place

60%

Follow the link in the graph to modify its data and then paste the new one here. [For more info, click here](#)

Results

Experiment A				Experiment B		
Groups	Outcome			Outcome		
	Test 1	Test 2	Test 3	Test 1	Test 2	Test 3
Group 1	315	584	328	357	249	365
Group 2	587	459	569	459	957	398
Group 3	124	684	398	589	245	358

Results analysis



Mars

Mars is actually cold



Jupiter

Jupiter is a gas giant

987,345

Jupiter is a gas giant

Mars



Jupiter



01

02

03

Mars

Mars is actually cold

Jupiter

Jupiter is a gas giant

Mercury

Mercury is very small



Conclusions

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot—even hotter than Mercury—and its atmosphere is extremely poisonous

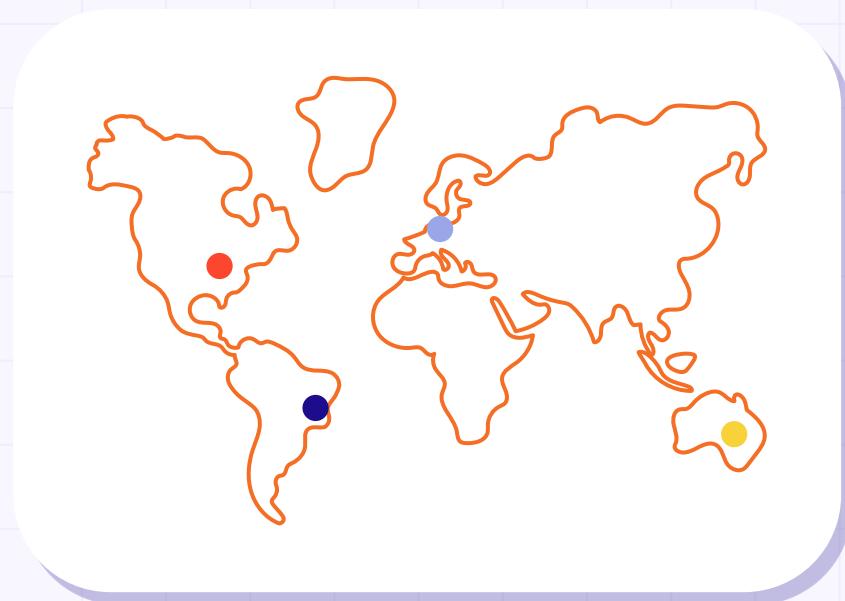
This is a map

- **Mercury**

Mercury is the closest planet to the Sun

- **Venus**

Venus is the second planet from the Sun



- **Mars**

Despite being red, Mars is very cold

- **Jupiter**

Jupiter is the biggest planet of them all

Sneak peek

You can replace the image on the screen with your own work. Just right-click on it and select "Replace image"



Resources

Did you like the resources on this template? Get them for free at our other websites:

Vectors

- Online pharmacy landing page template
- Pharmacist objects pack
- Online pharmacy landing page template
- Abstract colorful flow shapes background

Photos

- Front view doctor smiling with copy space
- Pills in package
- Close up on health worker
- Medium shot smiley doctor with coat
- Close up on health worker
- Medium shot doctor with stethoscope

Instructions for use

If you have a free account, in order to use this template, you must credit Slidesgo by keeping the Thanks slide. Please refer to the next slide to read the instructions for premium users.

As a Free user, you are allowed to:

- Modify this template.
- Use it for both personal and commercial projects.

You are not allowed to:

- Sublicense, sell or rent any of Slidesgo Content (or a modified version of Slidesgo Content).
- Distribute Slidesgo Content unless it has been expressly authorized by Slidesgo.
- Include Slidesgo Content in an online or offline database or file.
- Offer Slidesgo templates (or modified versions of Slidesgo templates) for download.
- Acquire the copyright of Slidesgo Content.

For more information about editing slides, please read our FAQs or visit Slidesgo School:

<https://slidesgo.com/faqs> and <https://slidesgo.com/slidesgo-school>

Instructions for use (premium users)

As a Premium user, you can use this template without attributing Slidesgo or keeping the Thanks slide.

You are allowed to:

- Modify this template.
- Use it for both personal and commercial purposes.
- Hide or delete the “Thanks” slide and the mention to Slidesgo in the credits.
- Share this template in an editable format with people who are not part of your team.

You are not allowed to:

- Sublicense, sell or rent this Slidesgo Template (or a modified version of this Slidesgo Template).
- Distribute this Slidesgo Template (or a modified version of this Slidesgo Template) or include it in a database or in any other product or service that offers downloadable images, icons or presentations that may be subject to distribution or resale.
- Use any of the elements that are part of this Slidesgo Template in an isolated and separated way from this Template.
- Register any of the elements that are part of this template as a trademark or logo, or register it as a work in an intellectual property registry or similar.

For more information about editing slides, please read our FAQs or visit Slidesgo School:

<https://slidesgo.com/faqs> and <https://slidesgo.com/slidesgo-school>

Fonts & colors used

This presentation has been made using the following fonts:

Open Sans

(<https://fonts.google.com/specimen/Open+Sans>)

#f8f6ff

#1d0d8d

#f46f25

#fc462d

#eefefc

#9ba6e9

#ffffff

#f7d238

Storyset

Create your Story with our illustrated concepts. Choose the style you like the most, edit its colors, pick the background and layers you want to show and bring them to life with the animator panel! It will boost your presentation. Check out [How it works](#).



Pana



Amico



Bro



Rafiki



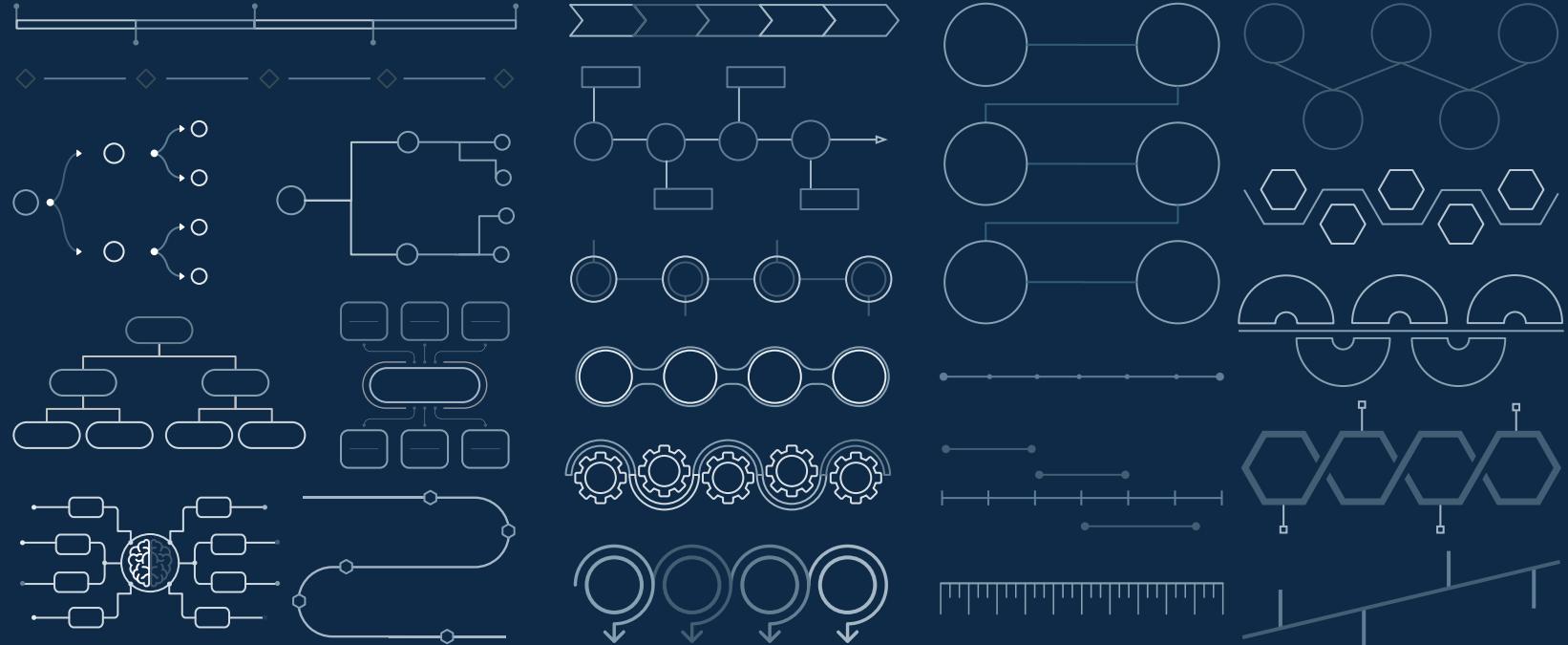
Cuate

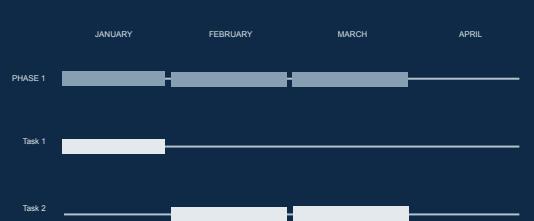
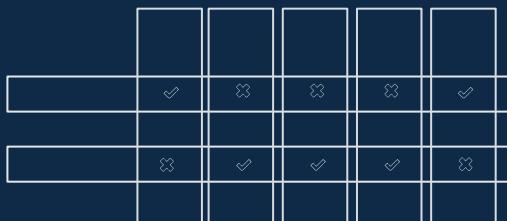
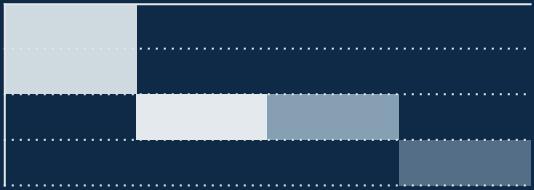
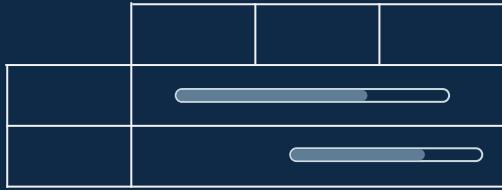
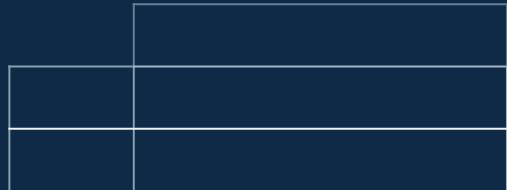
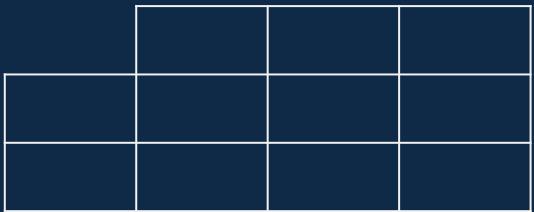
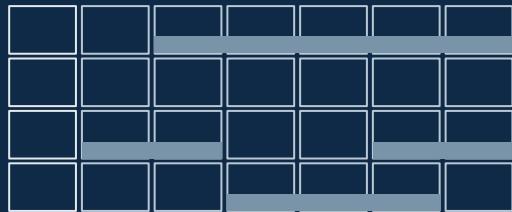
Use our editable graphic resources...

You can easily resize these resources without losing quality. To change the color, just ungroup the resource and click on the object you want to change. Then, click on the paint bucket and select the color you want. Group the resource again when you're done. You can also look for more infographics on Slidesgo.

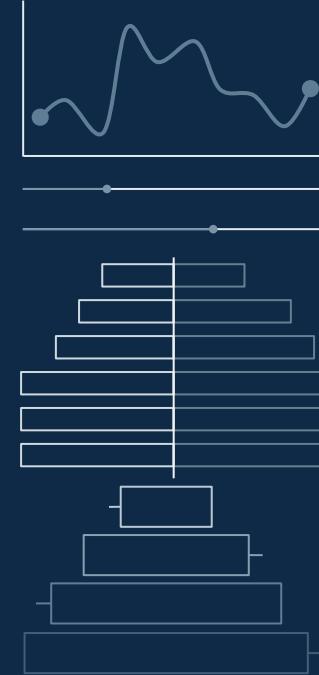
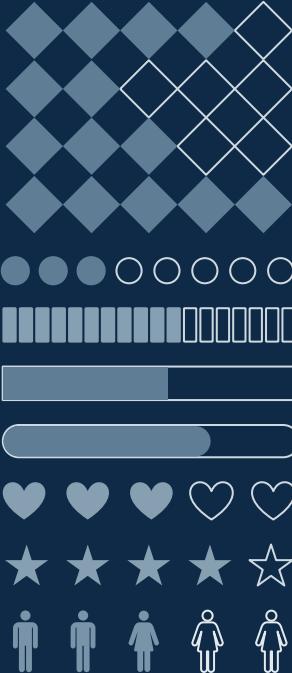
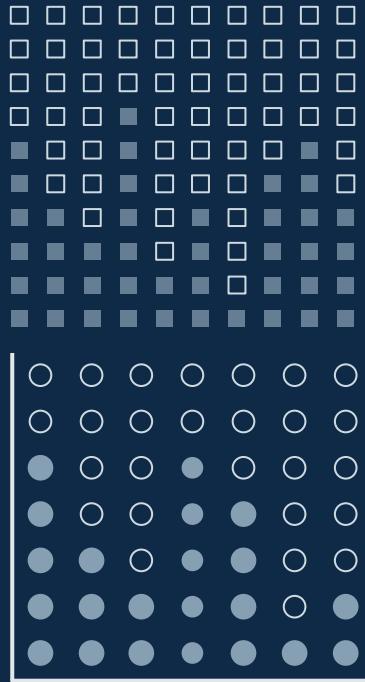












...and our sets of editable icons

You can resize these icons without losing quality.

You can change the stroke and fill color; just select the icon and click on the paint bucket/pen.

In Google Slides, you can also use Flaticon's extension, allowing you to customize and add even more icons.



Educational Icons



Medical Icons



Business Icons



Teamwork Icons



Help & Support Icons



Avatar Icons



Creative Process Icons



Performing Arts Icons



Nature Icons



SEO & Marketing Icons



