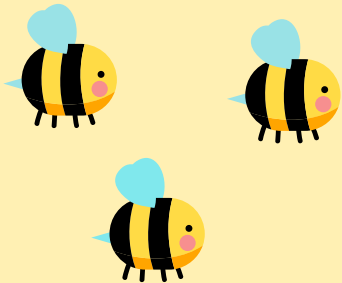



Health of Bee Hives





W H O A !

Description about my background

Table of Contents

01

Introduction

Why are bees important?

02

Results

Overview and my model

03

Conclusion

Here you could describe the topic of the section


The honey bee

You could enter a subtitle
here if you need it

01



Infos about the honey bee!

- Seven surviving species of honey bee are recognized, with a total of 44 subspecies.
 - The best known and most common honey bee is the western honey bee (*Apis mellifera*).
 - One honey bee can pollinate up to 2000 flowers a day.
 - Humidity between the 50% and 60% is optimal for breeding.
 - Optimal temperature for breeding is between the 30-35 °C.
- 

The importance of bees



Pollination

70 percent of the 124 most important crops worldwide depend on pollination by insects. In Europe, the figure is as high as 84 percent.



Value

In 2005, the estimated commercial value of western honey bees was just under \$200 billion worldwide.

The bees are under attack!



Varroa mite

Populations were severely depleted. Chemicals and new breeds helped.

Neocorticoids

Neonicotinoid insecticides affect the developmental stability of honey bees.

Predators

Natural: Wasp, Ants
New invasive species:
Asian giant hornet

CCD

Colony collapse disorder (CCD) is an abnormal phenomenon. the majority of worker bees in a honey bee colony disappear



02

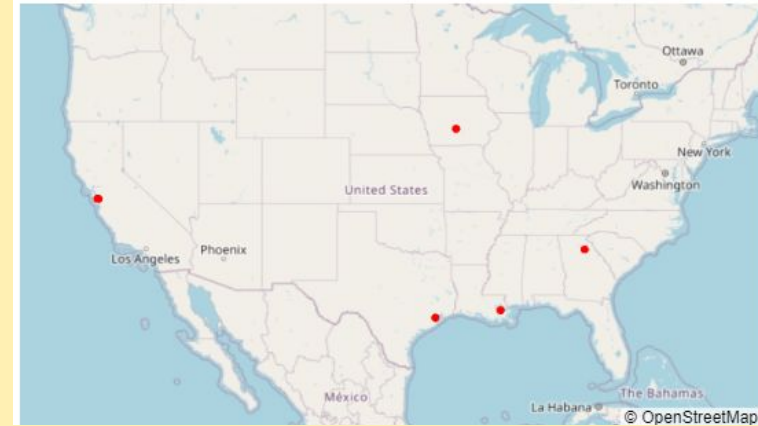
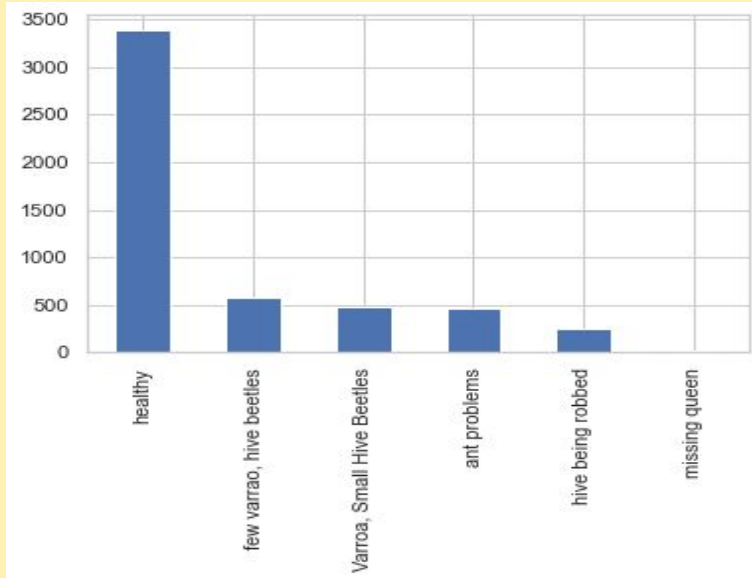
Results

You could enter a subtitle
here if you need it

The data

01

Imbalanced Data



02

Five locations in the us

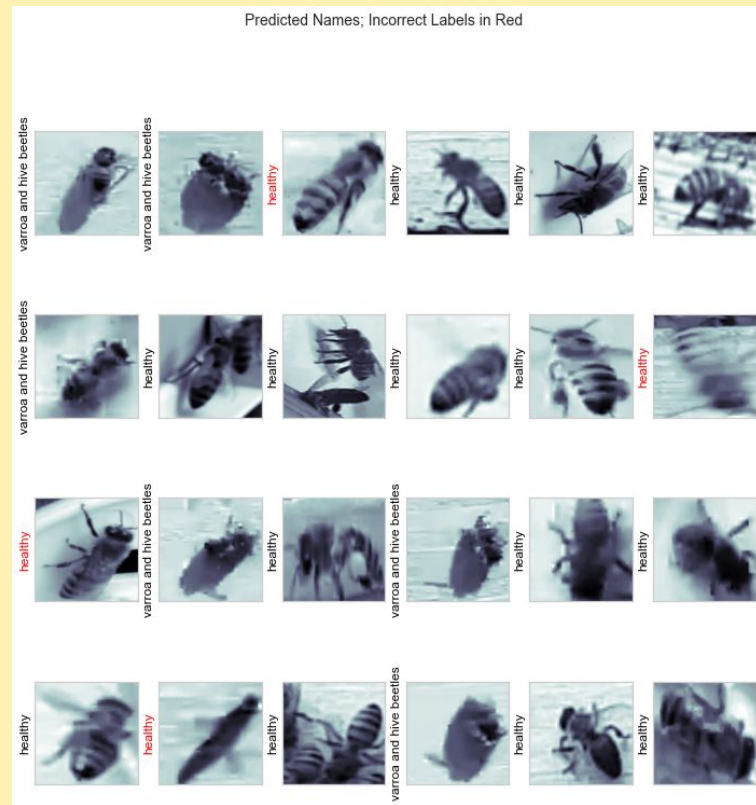
ML-Basemodel

The Model

Support Vector Machines
(SVM)

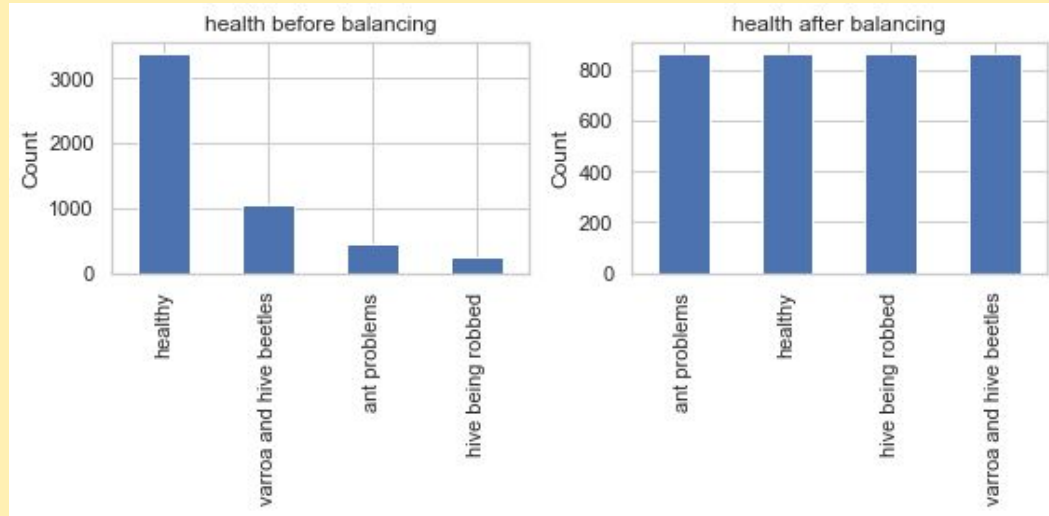
- Predicted 84 % of the test images correctly
- The correct prediction for Hive being robbed and Ant Problems were low

.....



Balancing the data

Balancing the data for the
Neural Network

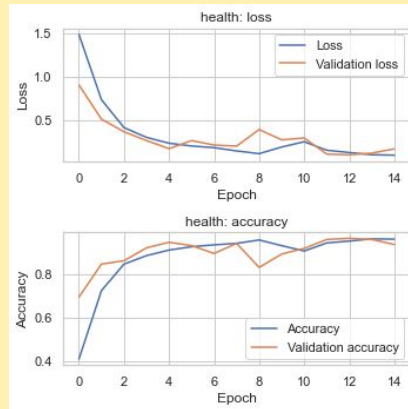


Neural Network

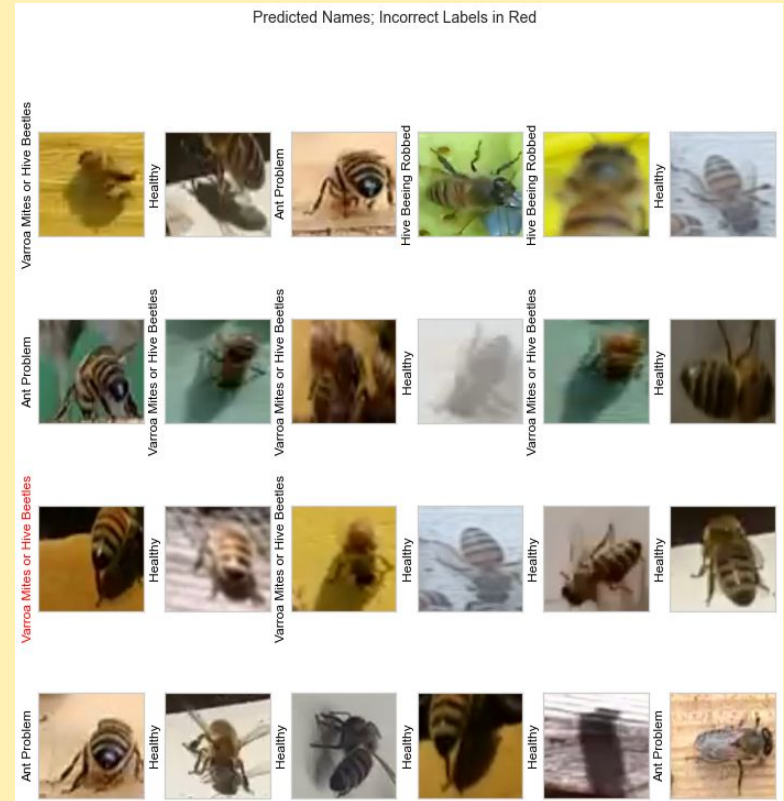
The Model

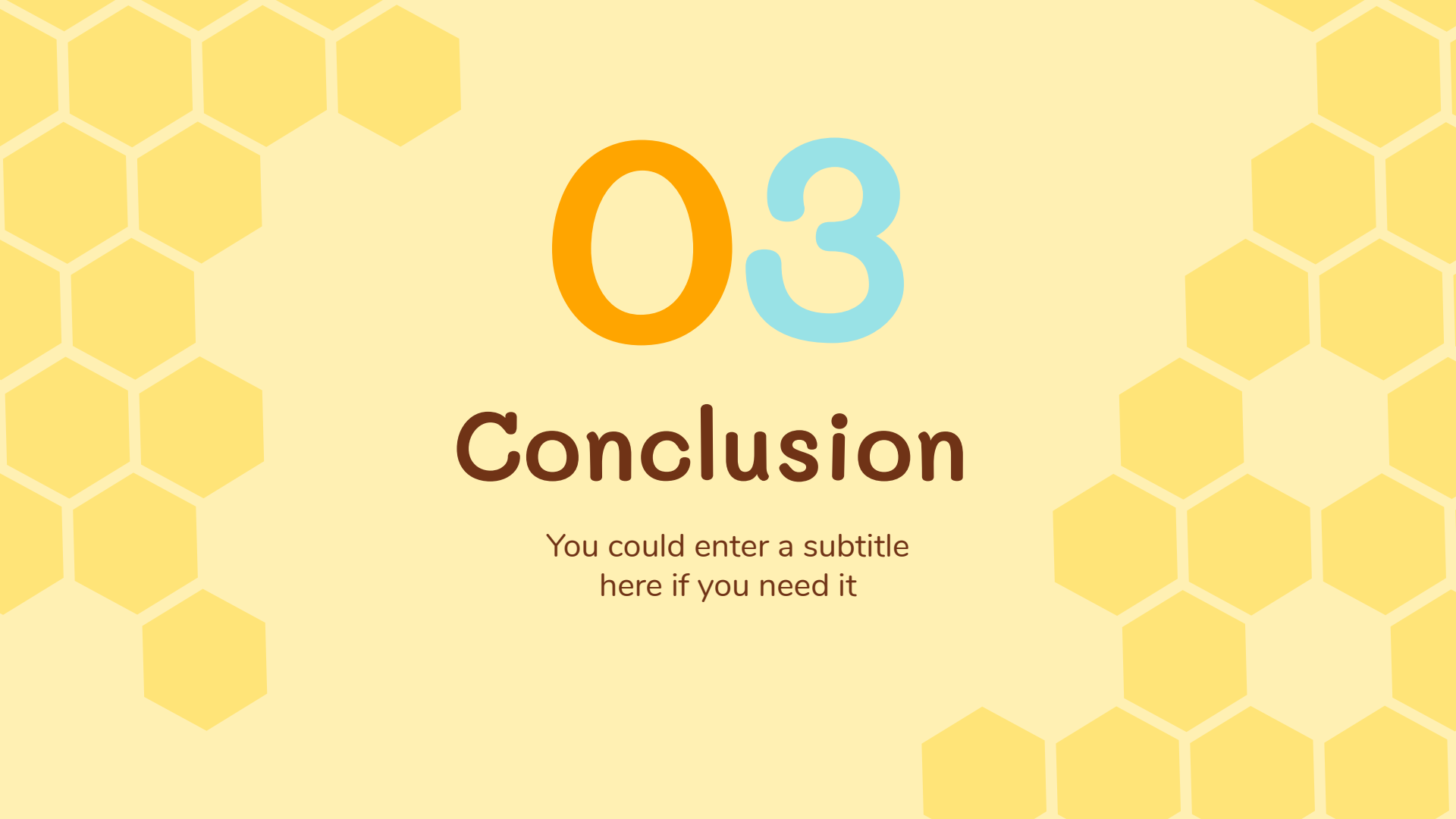
Convolutional Neural
Network

- 8 Layers
- Predicted 98 % of the test images correctly



.....



The background of the slide is a light yellow color with a pattern of yellow hexagons of varying sizes, some of which are slightly offset, creating a honeycomb-like effect.

03

Conclusion

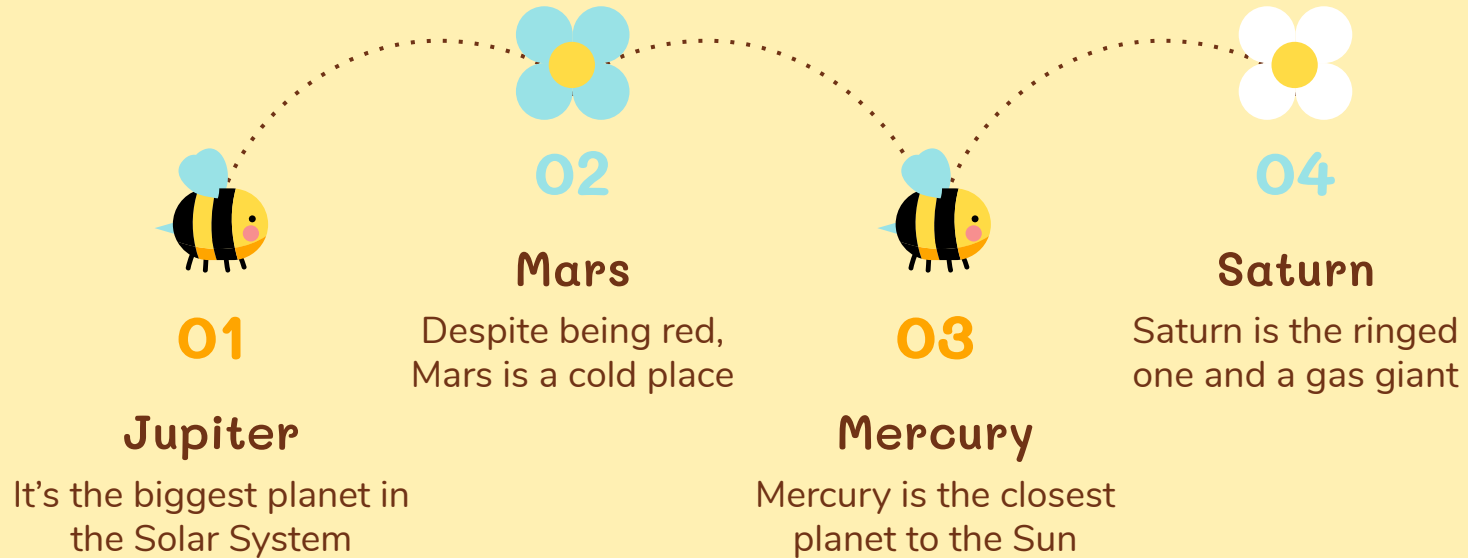
You could enter a subtitle
here if you need it

Awesome Words

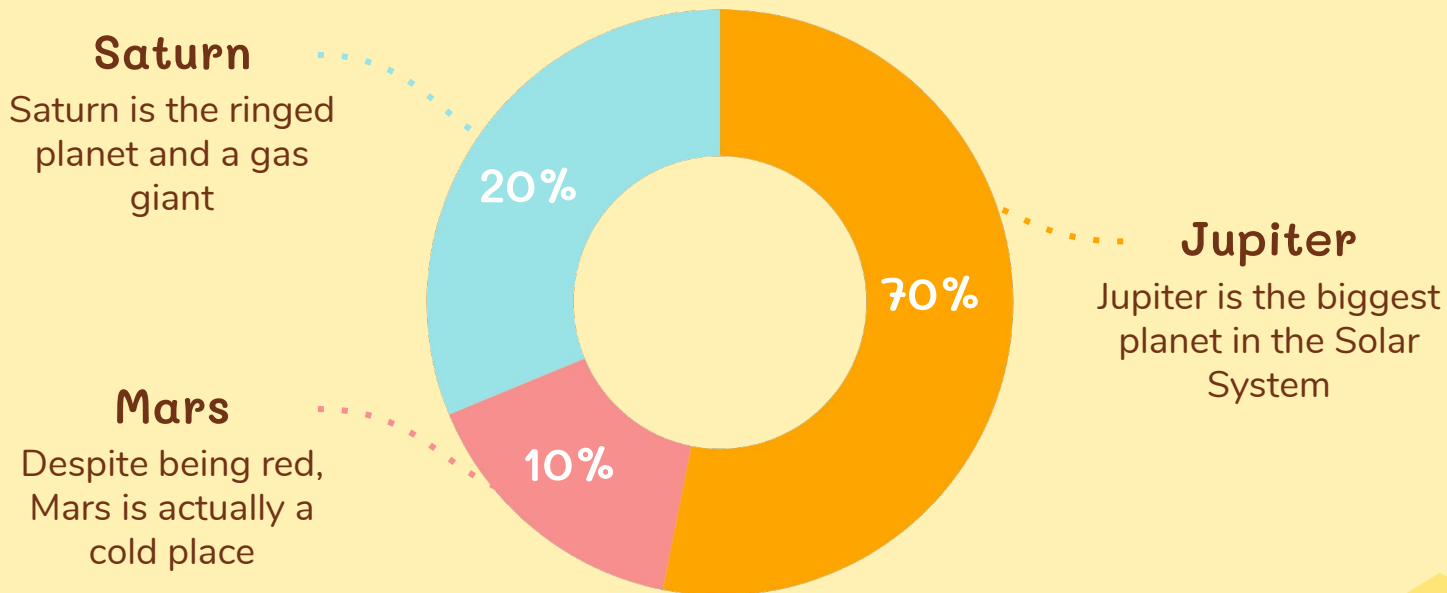


A cartoon bee with a yellow and black striped body, blue wings, and a pink nose is flying from the bottom right towards the top left. It is following a curved path of small brown dots.

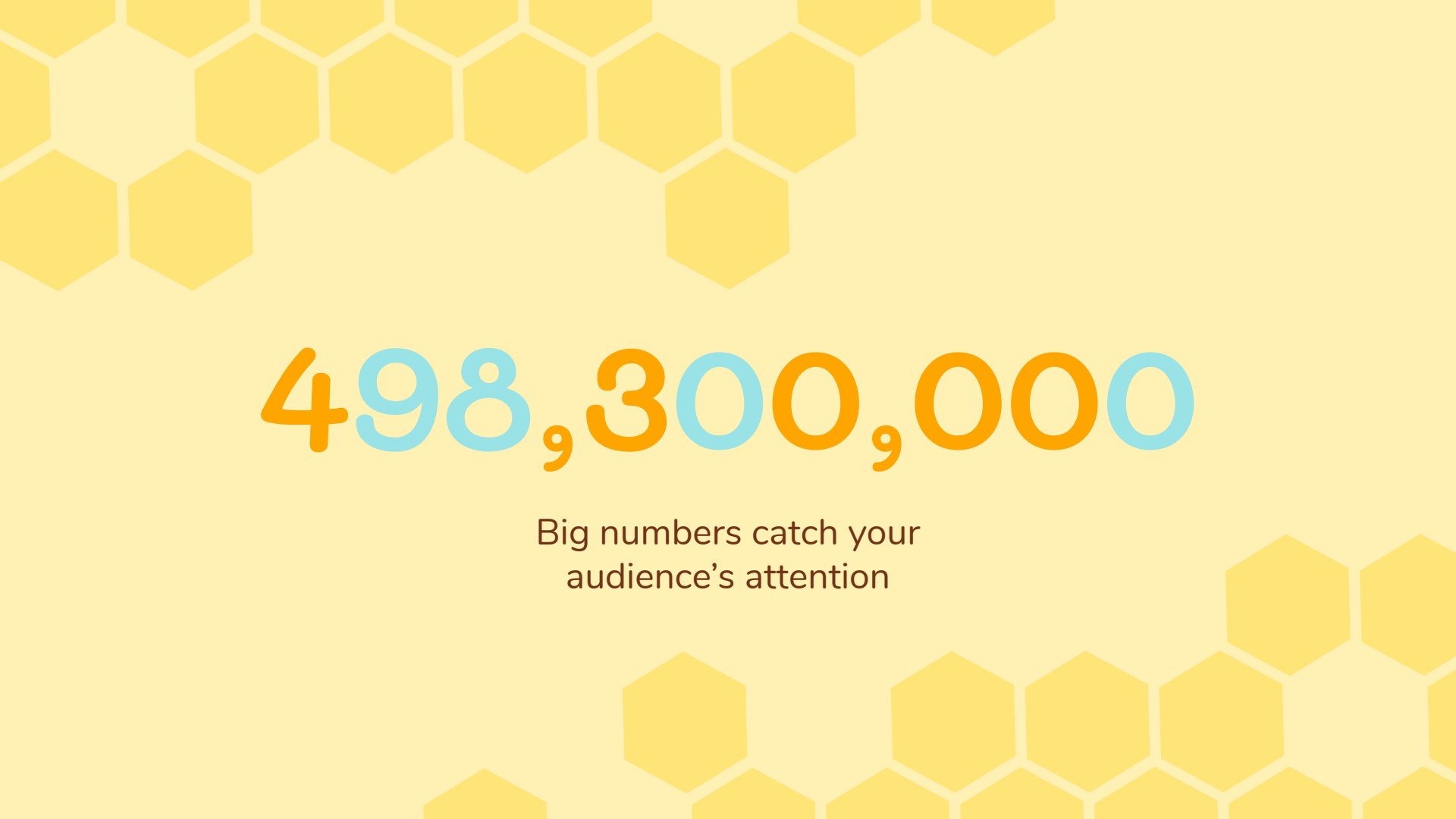
Here's Another Timeline



You Can Use a Graph

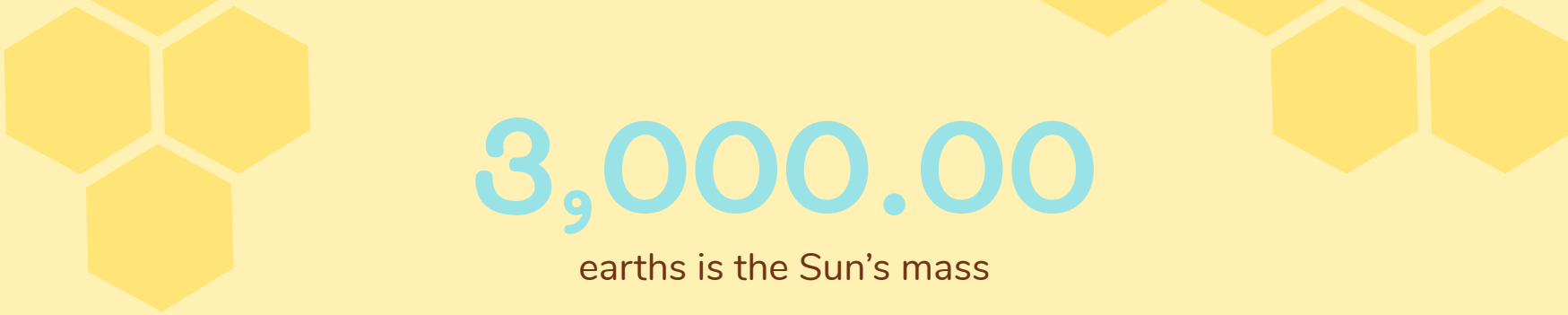


To modify this graph, click on it, follow the link, change the data and paste the new graph here



498,300,000

Big numbers catch your
audience's attention



3,000.00

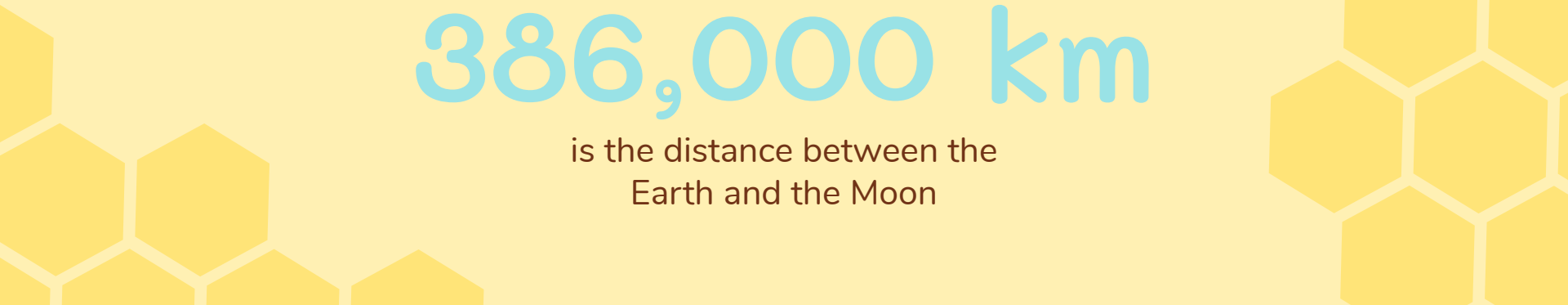
earths is the Sun's mass

24h 307m

is Jupiter's rotation period

386,000 km

is the distance between the
Earth and the Moon



Our Team



**Richard
Roe**

Writer

You can replace the
image on the screen
with your own



**Helena
Patterson**

Manager

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image on the screen
with your own



**Amelie
Johnson**

Teacher

You can replace the
image on the screen
with your own

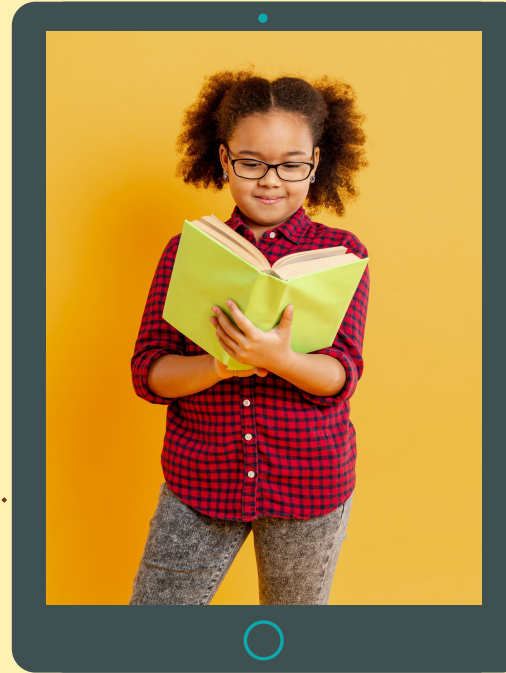
Desktop Software



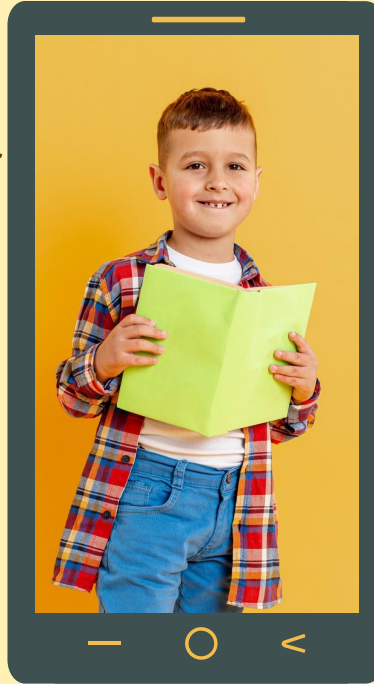
You can replace the
image on the screen
with your own work.
Just delete this one and
add yours

Tablet App

You can replace the image
on the screen with your
own work. Just delete this
one and add yours



Mobile Web



You can replace the image on the screen with your own work. Just delete this one and add yours

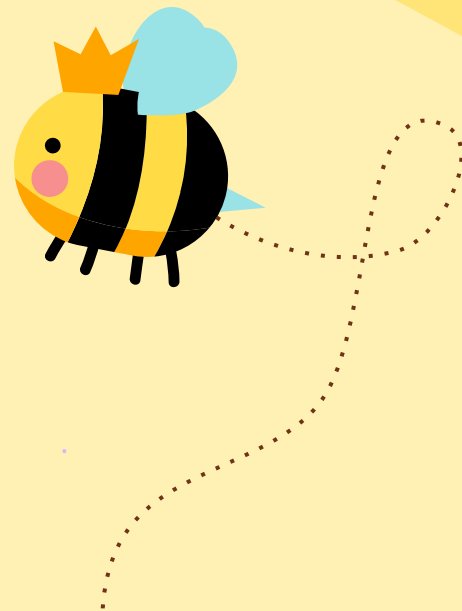
Thanks!

Do you have any questions?

youremail@freepik.com

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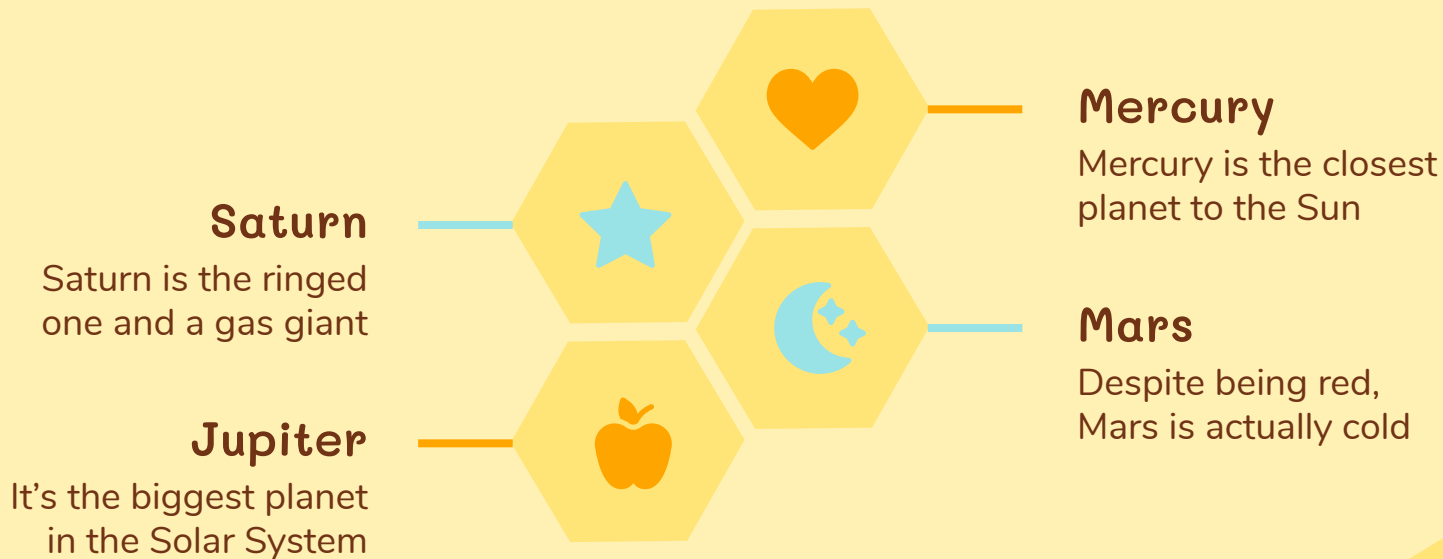
Vectors

- Original hand drawn leadership composition
- Flat elements relation to honey

Photos

- Group of childrens covering their faces with books
- Girl with glasses reading
- Little girl covering her face with book
- High angle childrens with books reading
- Copy-space cute boy with book

Try Using Infographics!



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

—Someone Famous





A Picture Always Reinforces the Concept

Images reveal large amounts of data, so remember: use an image instead of long texts

This Is a Table



	Mass (Earths)		Diameter (Earths)		Gravity (Earths)
Mars	100		355		370
Saturn	490		150		890
Venus	1,000		260		245

A Picture Is Worth a Thousand Words



A Timeline Always Works

Despite being red,
Mars is a cold place

Mars

02

01

Jupiter

It's the biggest planet in
the Solar System

03

Mercury

Mercury is the closest
planet to the Sun

A Timeline Always Works

It's composed of
hydrogen and helium

Saturn

04

It's the second planet
from the Sun

Venus

06

05

Neptune

It's the farthest
planet from the Sun

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#ffdb45

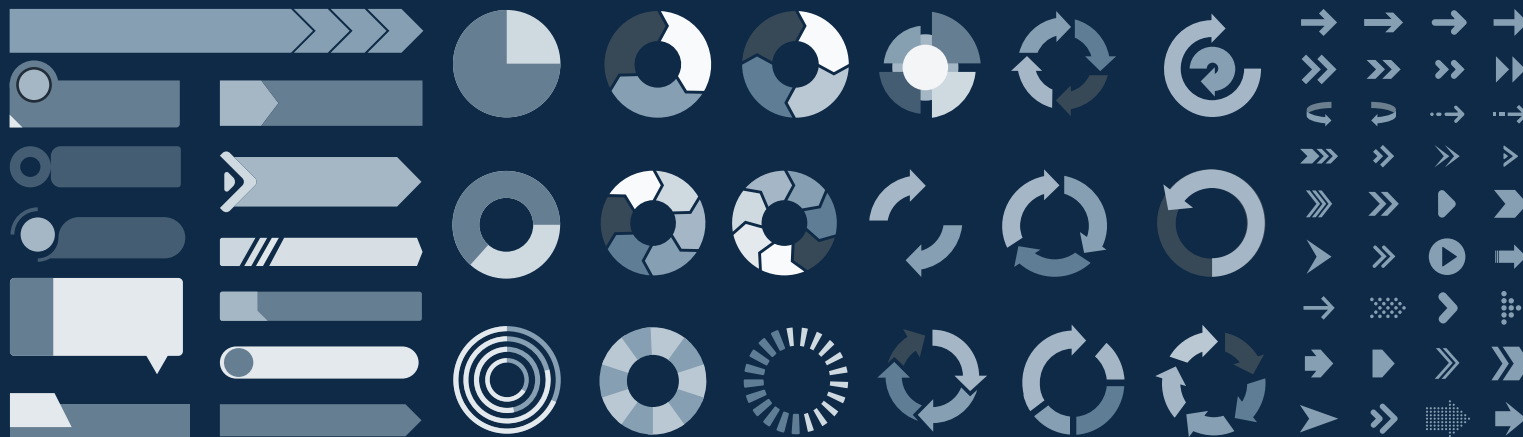
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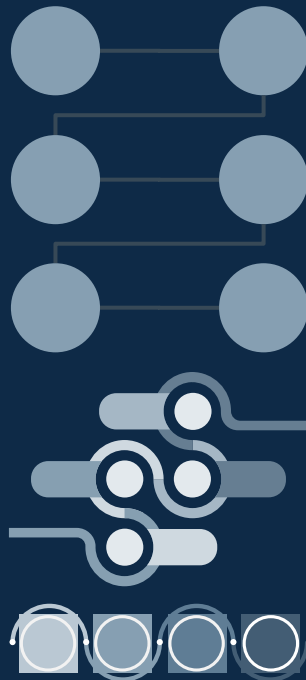
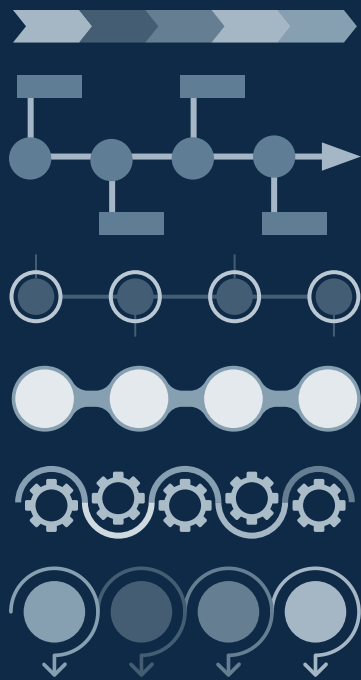
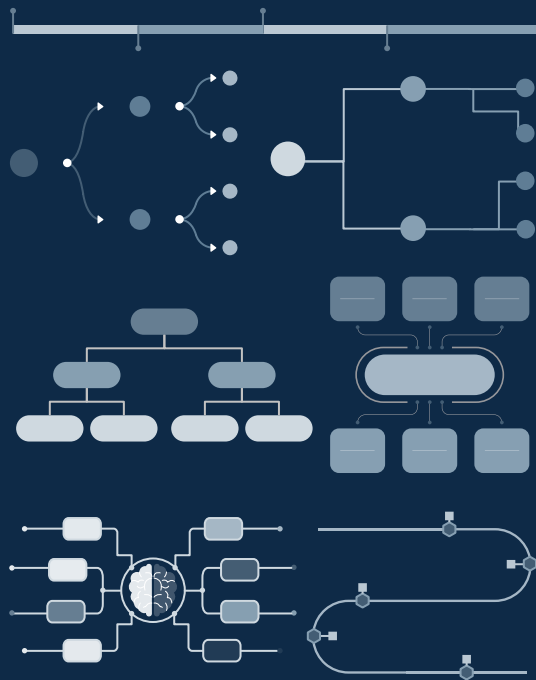
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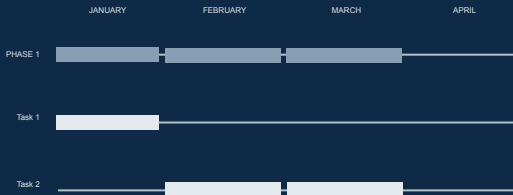
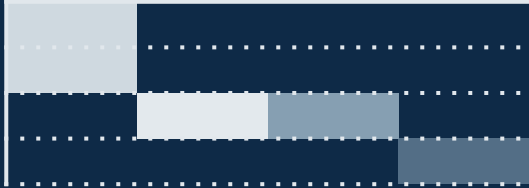
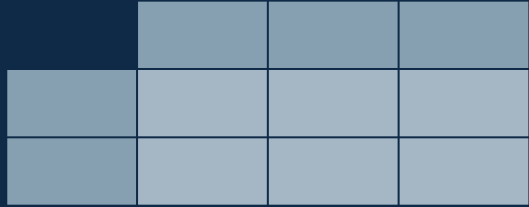
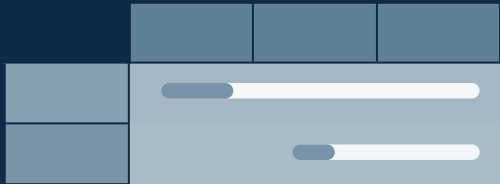
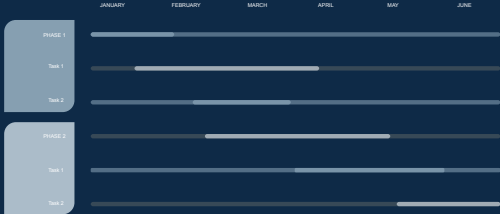
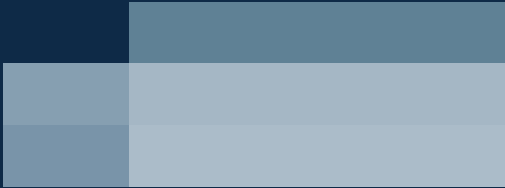
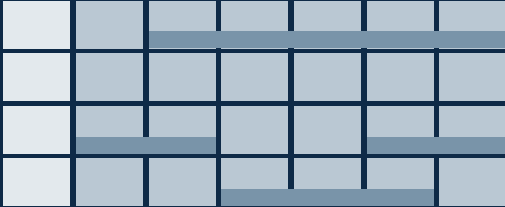
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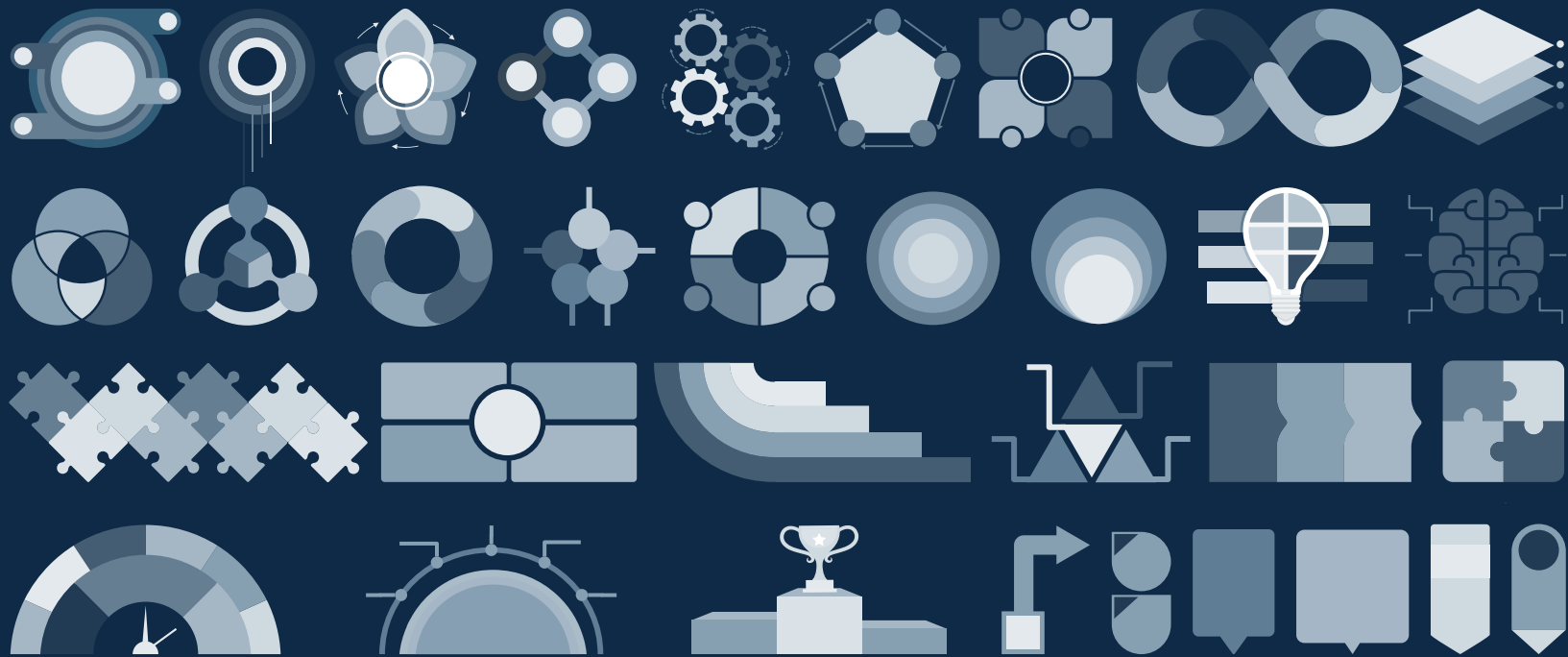
Group the resource again when you're done.

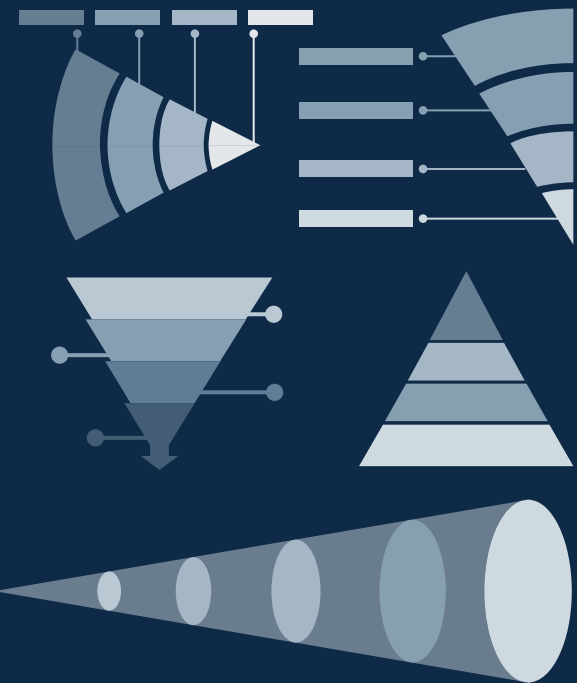
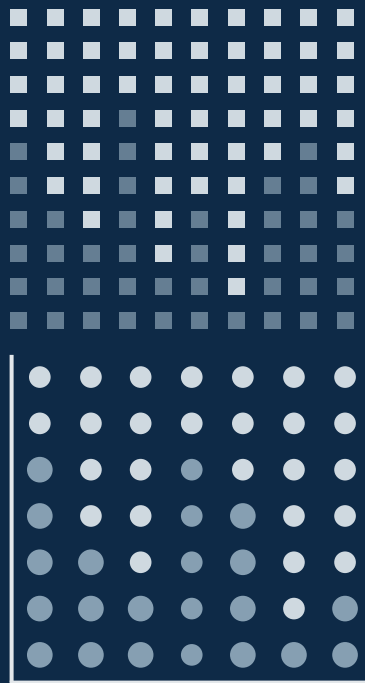












...and our sets of editable icons

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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



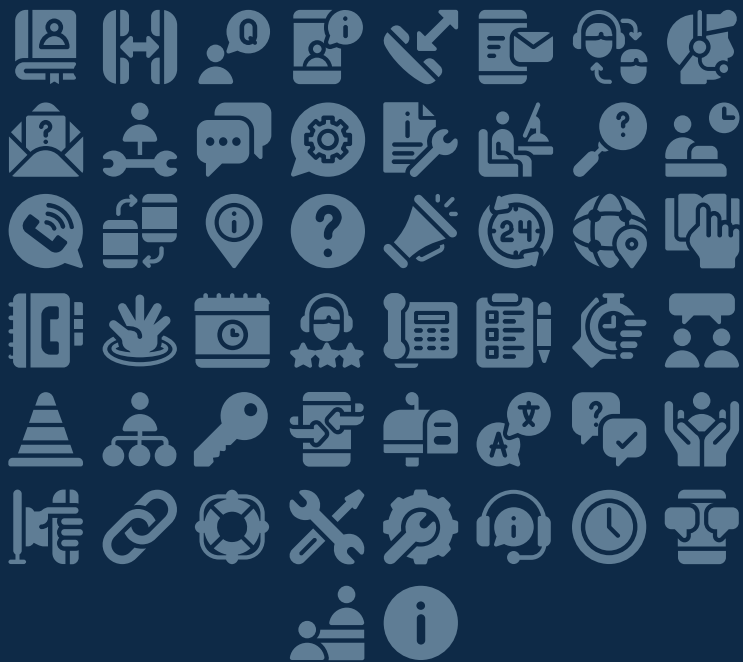
Business Icons



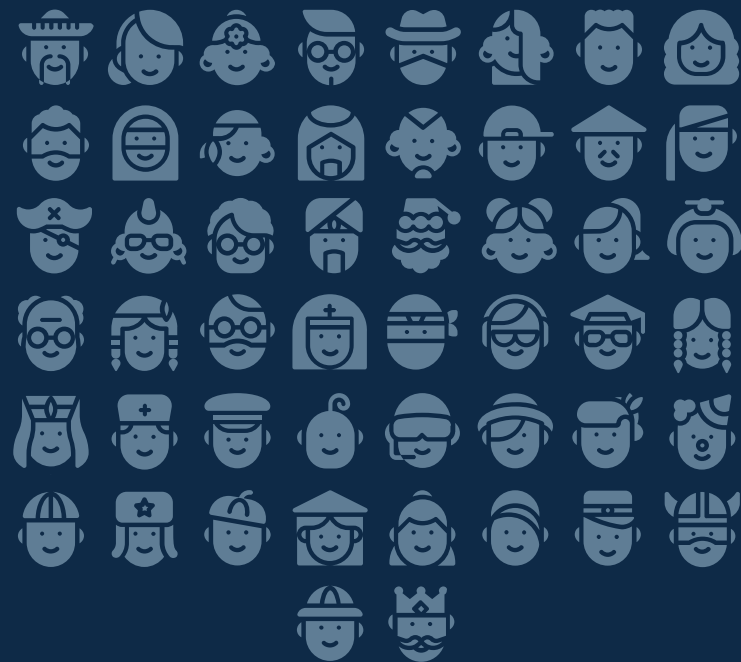
Teamwork Icons



Help & Support Icons



Avatar Icons



[illegible][illegible]

Nature Icons



SEO & Marketing Icons



