

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. Some nodes are highlighted with blue circles, and others with blue dots.

Inteligencia Artificial II

Generalidades

A decorative network diagram in the bottom-right corner, similar to the one in the top-left, with interconnected nodes and lines, some highlighted with blue circles and others with blue dots.

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, suggesting a hierarchical or central structure. The lines are thin and gray, connecting the nodes in a non-linear fashion.

1. **Profesores**

Profesores

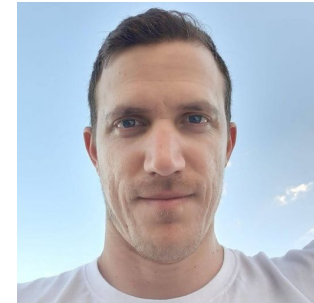
Rodrigo Gonzalez, PhD

rodrigo.gonzalez@ingenieria.uncuyo.edu.ar



Jorge Guerra, PhD

jorge.guerra881215@gmail.com



A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, suggesting a hierarchical or multi-layered structure. The lines are thin and gray, connecting the nodes in a non-linear fashion.

2. **Horarios**

Horarios

🎯 Clases

- Lunes, clase de teoría, de 19:00 a 21:00.
- Jueves, clase de práctica, de 19:00 a 21:00.

🎯 Consultas

- Se coordinan por Slack con cada docente.

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, suggesting different levels of connectivity or importance. The lines are thin and gray, creating a mesh-like structure.

3. **Cronograma**

Cronograma

				Teoría	Practica
Fecha	Nro	Tema	Unidad		
05/08/2024	1	Regresión lineal y regresión logística	1	Rodrigo	Rodrigo
12/08/2024	2	Linear Model Selection and Regularization. Ridge and Lasso.	1	Rodrigo	Rodrigo
19/08/2024	3	The mathematical building blocks of neural networks	1	Jorge	Jorge
26/08/2024	4	Getting started with neural networks: Classification and regression	2	Jorge	Jorge
02/09/2024	5	Fundamentals of machine learning	2	Jorge	Jorge
09/09/2024	6	Introduction to deep learning for computer vision	2	Rodrigo	Rodrigo
16/09/2024	7	Advanced deep learning for computer vision	3	Rodrigo	Rodrigo
23/09/2024	8	Deep learning for time series / Parcial 1	3	Rodrigo	Rodrigo
30/09/2024	9	Deep learning for text / Recuperatorio Parcial 1	3	Rodrigo	Rodrigo
07/10/2024	10	LLM	3	Jorge	Jorge
14/10/2024	11	LLM	3	Rodrigo	Rodrigo
21/10/2024	12	Reglas de asociación	4	Jorge	Jorge
28/10/2024	13	Sistemas de recomendación	4	Jorge	Jorge
04/11/2024	14	Parcial 2 / Recuperatorio Parcial 2	4		
11/11/2024	15		4		

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4. **Metodología**

Metodología

- ⦿ Lunes, clase de teoría
- ⦿ Jueves, clase de práctica.
- ⦿ El día lunes se entregarán ejercicios a determinados alumnos, en forma rotativa. El día jueves, dichos alumnos deberán exponer.
- ⦿ La exposición es con nota.
- ⦿ Las exposiciones se promedian. Esta nota se agrega al siguiente parcial como un ejercicio más.

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, while others are smaller and solid. The lines are thin and gray, connecting the nodes in a non-linear fashion.

5. Recursos

Libros

An Introduction to Statistical Learning

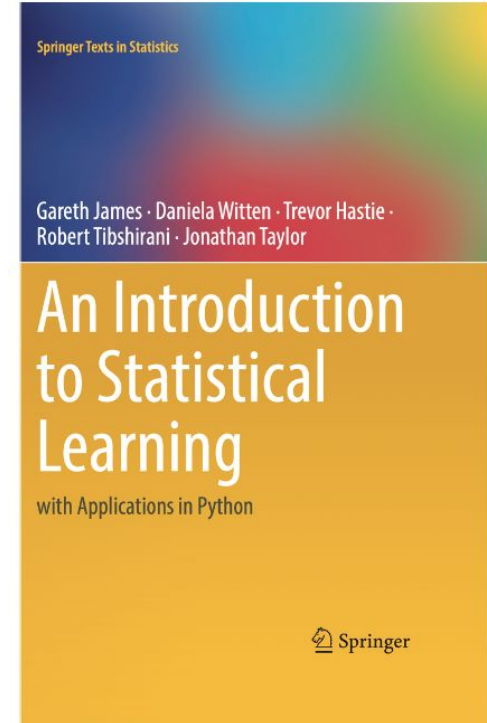
<https://www.statlearning.com/>

Bajar libro:

https://hastie.su.domains/ISLP/ISLP_website.pdf.download.html

Linear regression methods

Linear regularization methods

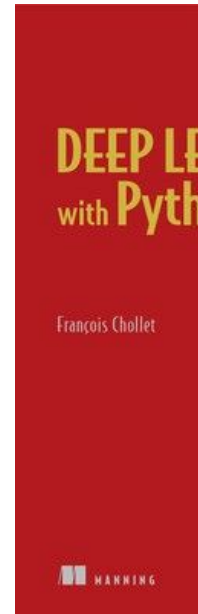


Libros

Deep Learning with Python by François Chollet

<https://www.manning.com/books/deep-learning-with-python>

Deep learning



Slack

Usamos el grupo para todos los avisos de la materia.

Enviar email a rodrigo.gonzalez@ingenieria.uncuyo.edu.ar para recibir link de invitación al grupo de Slack de la materia.

Repositorio

<https://github.com/rodraz/ia2>

Programa

Filminas

Ejercicios de los alumnos

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, suggesting different levels or types of connectivity. The lines are thin and gray, creating a mesh-like structure.

6. **Herramientas**

Herramientas

- ◎ Python
- ◎ Scikit-learning library (linear regression)
- ◎ Keras library (deep learning)

A decorative graphic in the top-left corner consisting of a network of interconnected nodes and lines, resembling a molecular structure or a data network. The nodes are represented by small circles, some solid and some hollow, connected by thin lines.

7.

Aprobación de la materia

Regularización

- ⊙ Asistencia (>75%).
- ⊙ Aprobación de los 2 parciales teórico/prácticos, o sus respectivos recuperatorios, con al menos 6.
 - Parcial 1, jueves 26 de septiembre
 - Parcial 2, jueves 7 de noviembre.
- ⊙ Presentación de un anteproyecto

Aprobación

- ⦿ Ser alumno regular.
- ⦿ Presentar un proyecto final en la mesa de la materia.
- ⦿ Más información en el programa de la materia.



¡Gracias!

¿Preguntas?

Instructions for use

EDIT IN GOOGLE SLIDES

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You will get a copy of this document on your Google Drive and will be able to edit, add or delete slides.

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EDIT IN POWERPOINT®

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Remember to download and install the fonts used in this presentation (you'll find the links to the font files needed in the [Presentation design slide](#))

More info on how to use this template at
www.slidescarnival.com/help-use-presentation-template

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A decorative graphic at the top of the slide featuring a network of interconnected nodes and lines, resembling a molecular or digital structure. A central node is highlighted with a blue double quote symbol.

“


*Quotations are commonly printed
as a **means of inspiration** and to
invoke philosophical thoughts
from the reader.*



This is a slide title

- ◎ Here you have a list of items
- ◎ And some text
- ◎ But remember not to overload your slides with content

Your audience will listen to you or read the content, but won't do both.



Big concept

Bring the attention of your audience over a key concept using icons or illustrations



You can also split your content

White

Is the color of milk and fresh snow, the color produced by the combination of all the colors of the visible spectrum.

Black

Is the color of ebony and of outer space. It has been the symbolic color of elegance, solemnity and authority.

In two or three columns

Yellow

Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.

Blue

Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

Red

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.

A picture is worth a thousand words

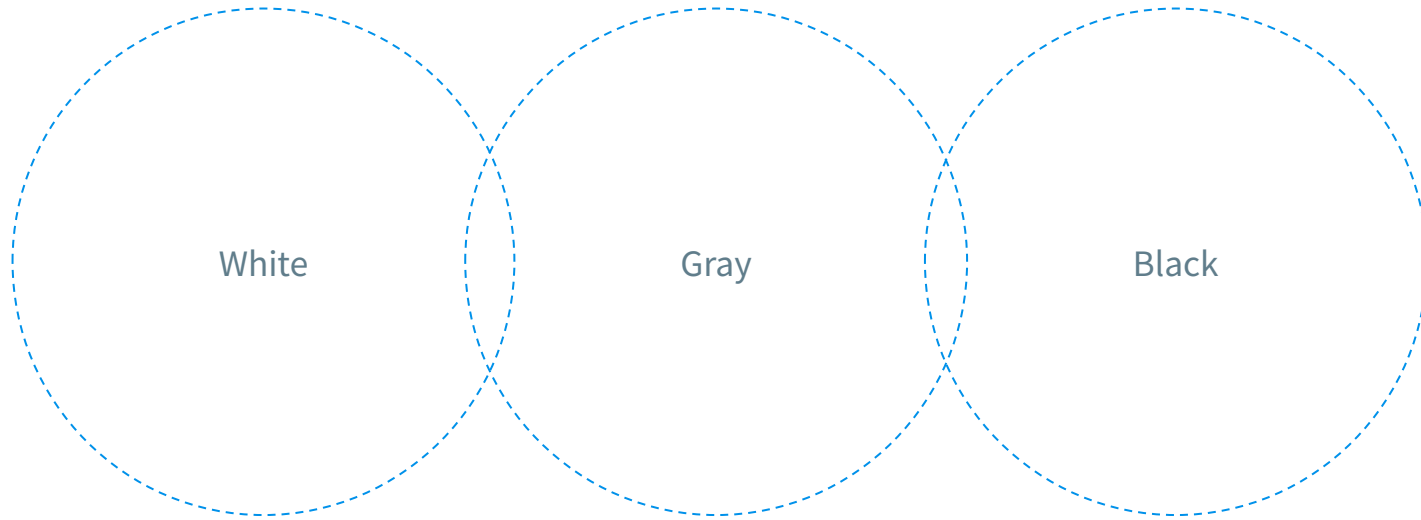
A complex idea can be conveyed with just a single still image, namely making it possible to absorb large amounts of data quickly.



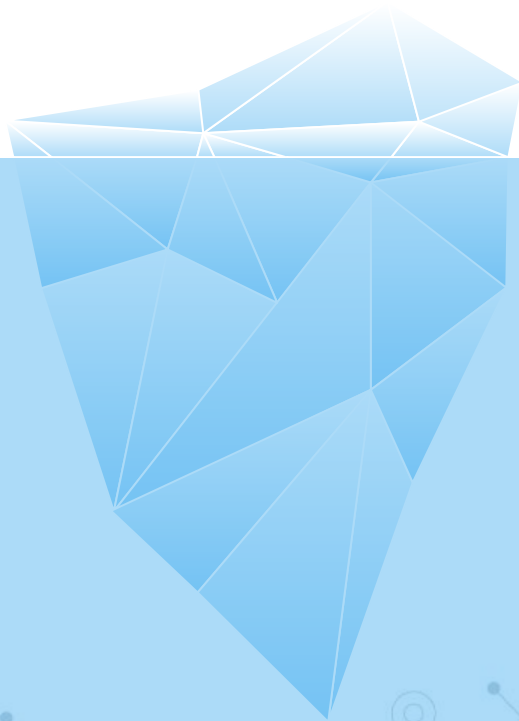


**Want big
impact?**
Use big image.

Use charts to explain your ideas



Or diagrams to explain complex ideas



Example text.

Lorem ipsum dolor sit amet,
consectetur adipiscing elit.
Nam venenatis nisi at nisl
tempor, et luctus diam
lobortis. Nulla sit amet metus
consequat velit iaculis
tempor.

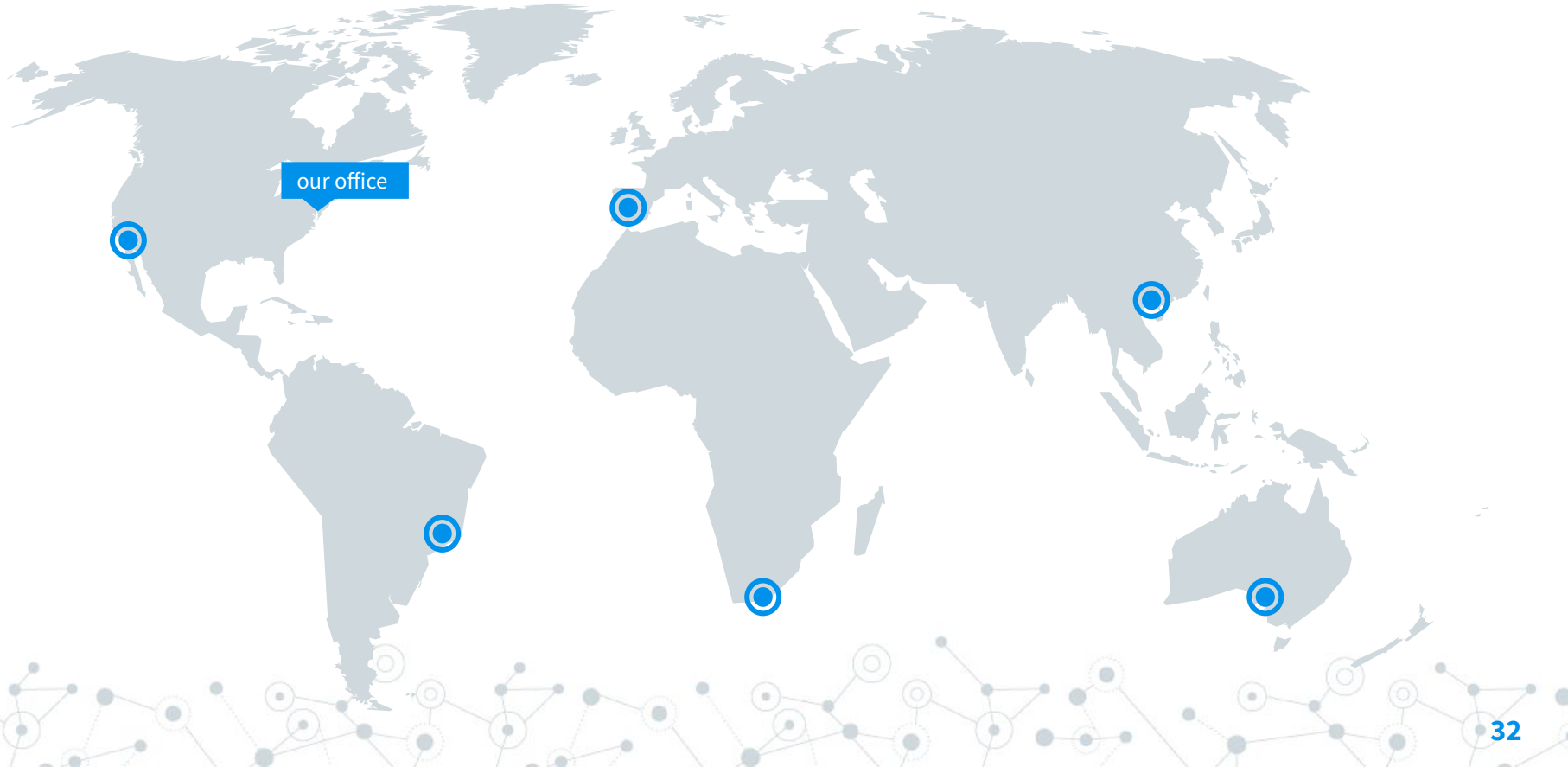
Example text.

Lorem ipsum dolor sit amet,
consectetur adipiscing elit.
Nam venenatis nisi at nisl
tempor, et luctus diam
lobortis. Nulla sit amet metus
consequat velit iaculis
tempor.

And tables to compare data

	A	B	C
Yellow	10	20	7
Blue	30	15	10
Orange	5	24	16

Maps



A light gray background featuring a complex network of interconnected nodes and lines, resembling a molecular or data network structure. The nodes are represented by small circles, some solid and some hollow, connected by thin lines.

89,526,124

Whoa! That's a big number, aren't you proud?

Presentation design

This presentations uses the following typographies and colors:

- Titles: **Roboto Slab**
- Body copy: **Source Sans Pro**

Download for free at:

<https://www.fontsquirrel.com/fonts/roboto-slab>

<https://www.fontsquirrel.com/fonts/source-sans-pro>

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A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines, with some nodes highlighted in blue.

89,526,124\$

That's a lot of money

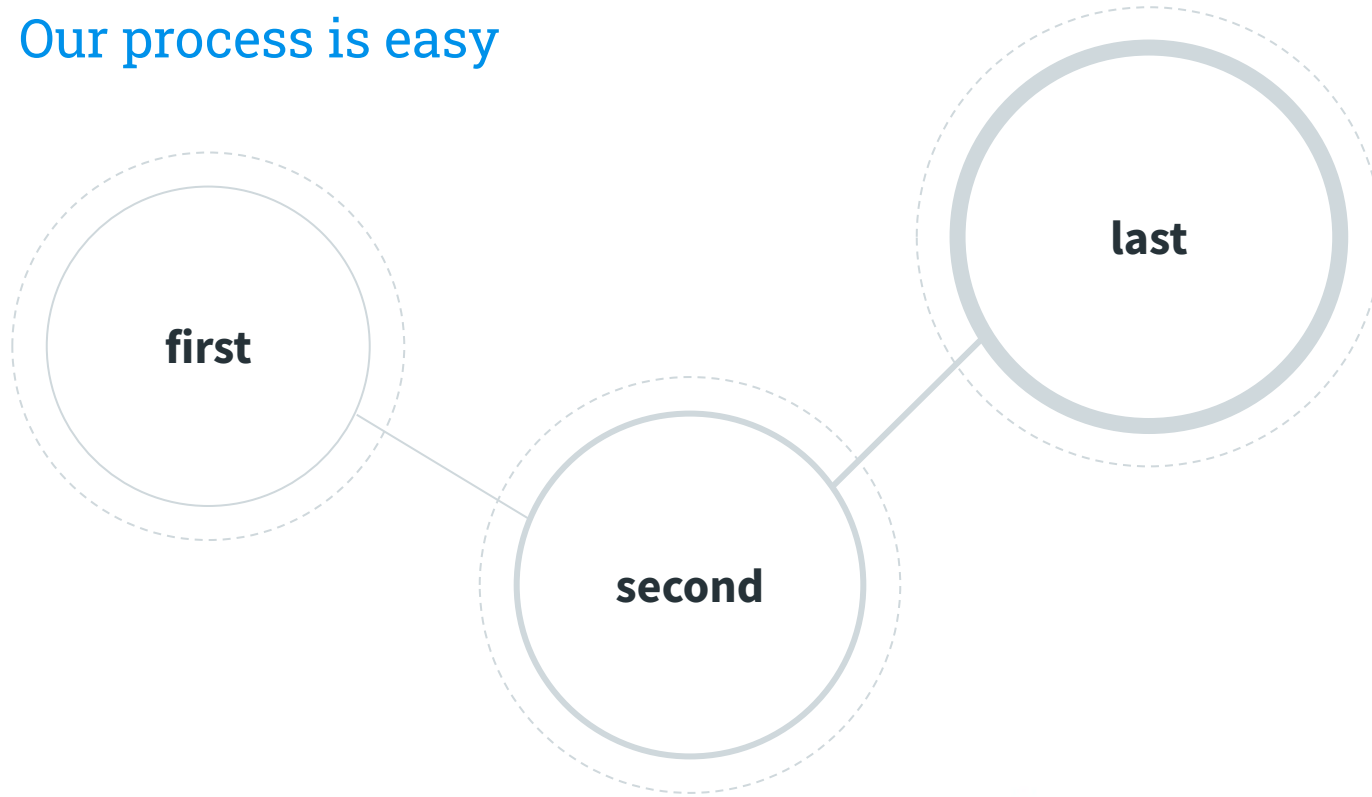
185,244 users

And a lot of users

100%

Total success!

Our process is easy



Let's review some concepts



Yellow

Is the color of gold, butter and ripe lemons. In the spectrum of visible light, yellow is found between green and orange.



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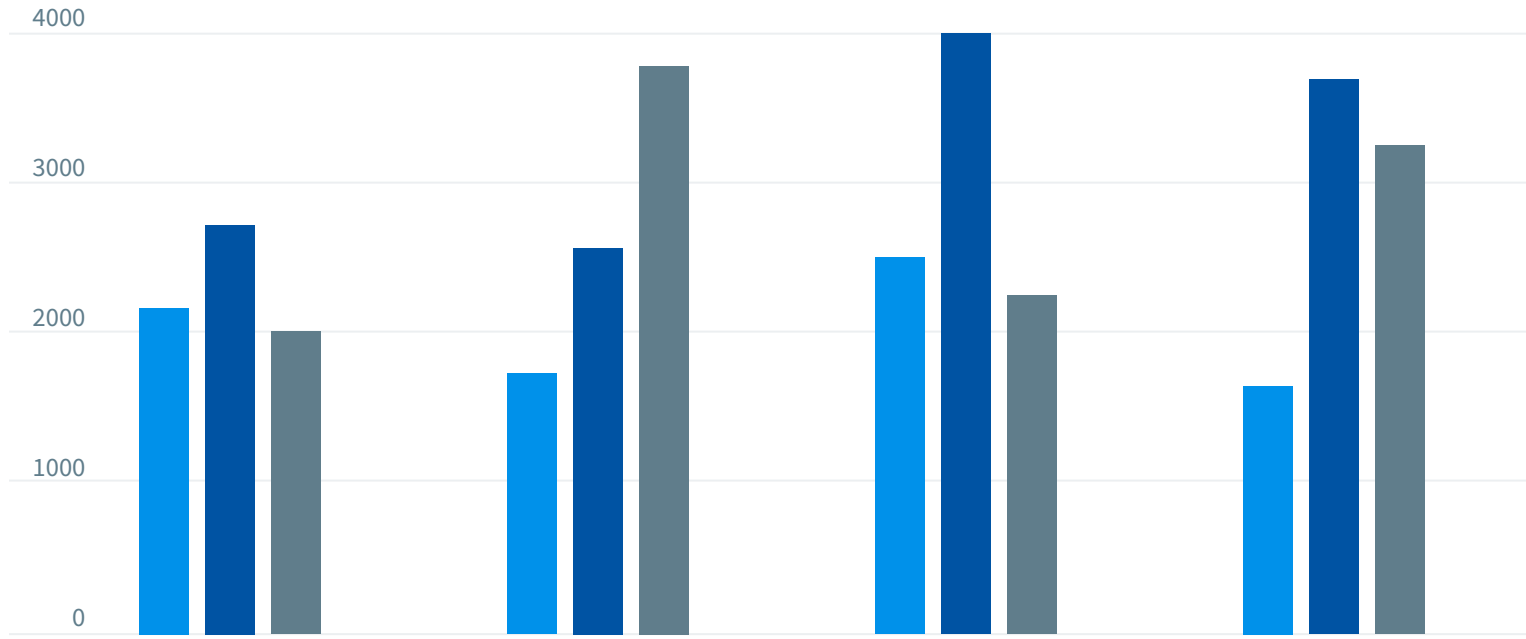
Red

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.



Red

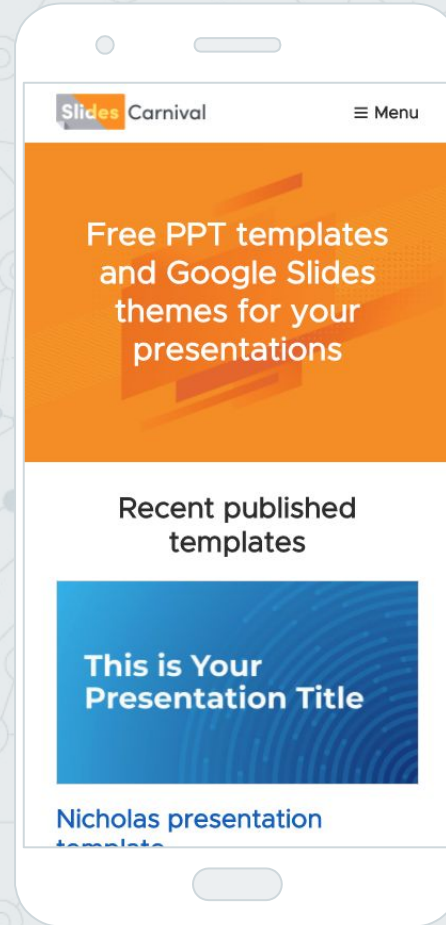
Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.



You can insert graphs from Excel or Google Sheets

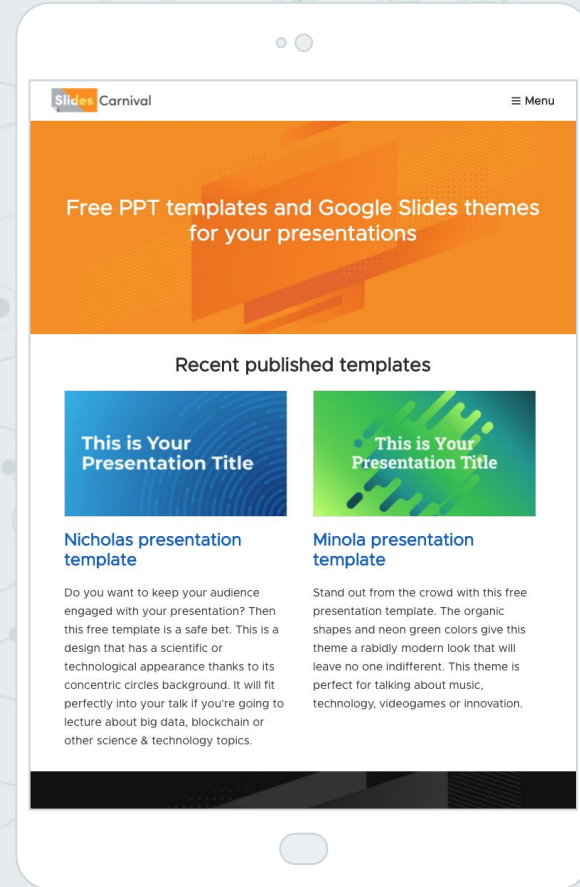
Mobile project

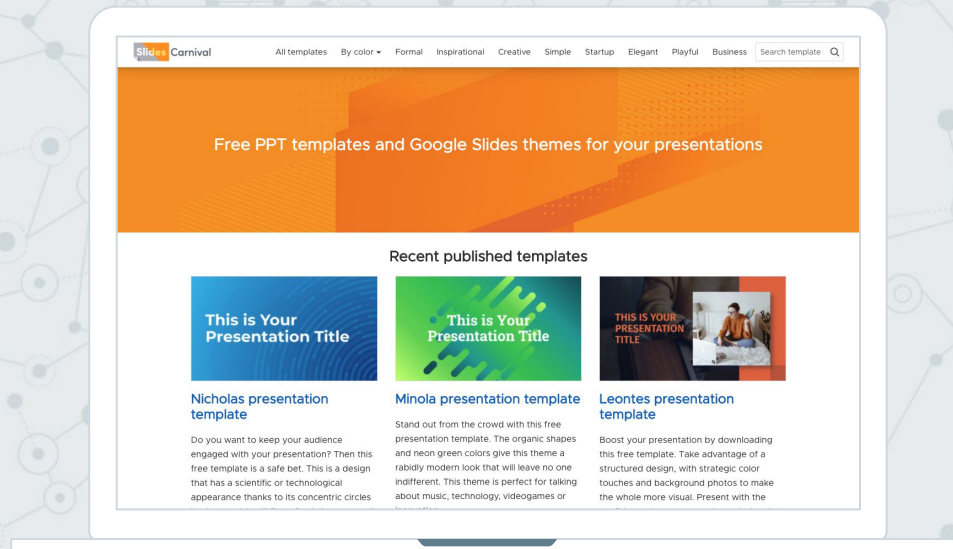
Show and explain your web, app or software projects using these gadget templates.



Tablet project

Show and explain your web, app or software projects using these gadget templates.





Desktop project

Show and explain your web, app or software projects using these gadget templates.

Credits

Special thanks to all the people who made and released these awesome resources for free:

- ◎ Presentation template by SlidesCarnival
- ◎ Photographs by Unsplash

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines, with some nodes highlighted in blue and others in grey.

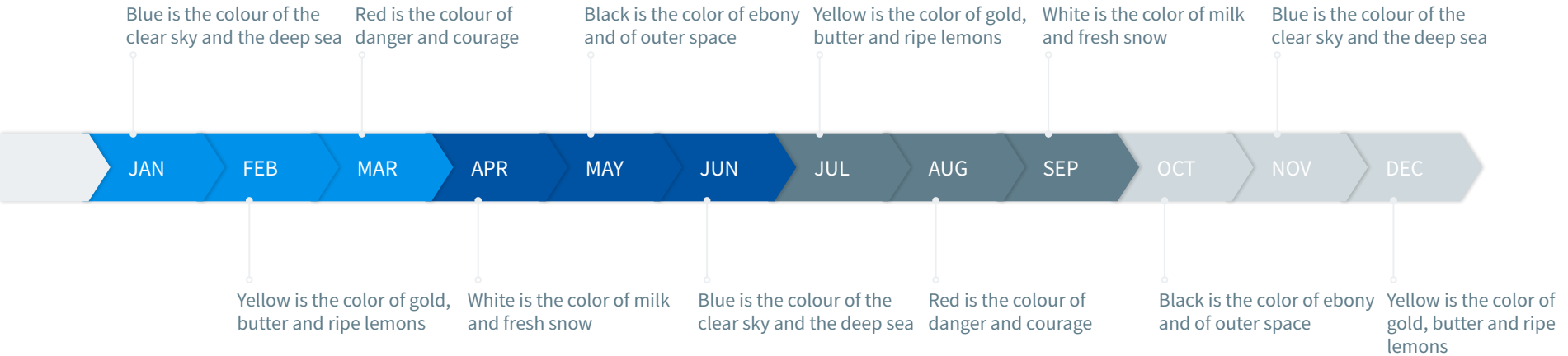
2.

Extra Resources

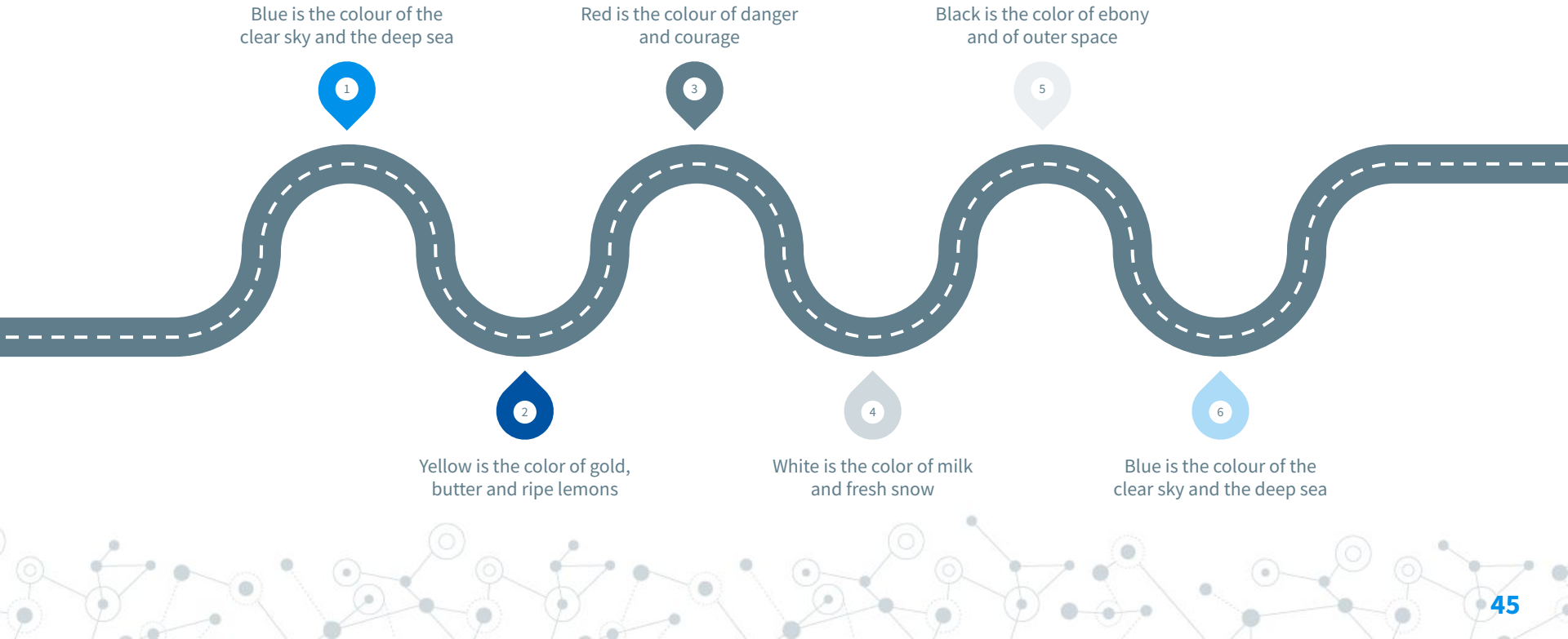
For Business Plans, Marketing Plans,
Project Proposals, Lessons, etc

A decorative network diagram in the bottom-right corner, featuring a complex web of interconnected nodes and lines, with some nodes highlighted in blue and others in grey.

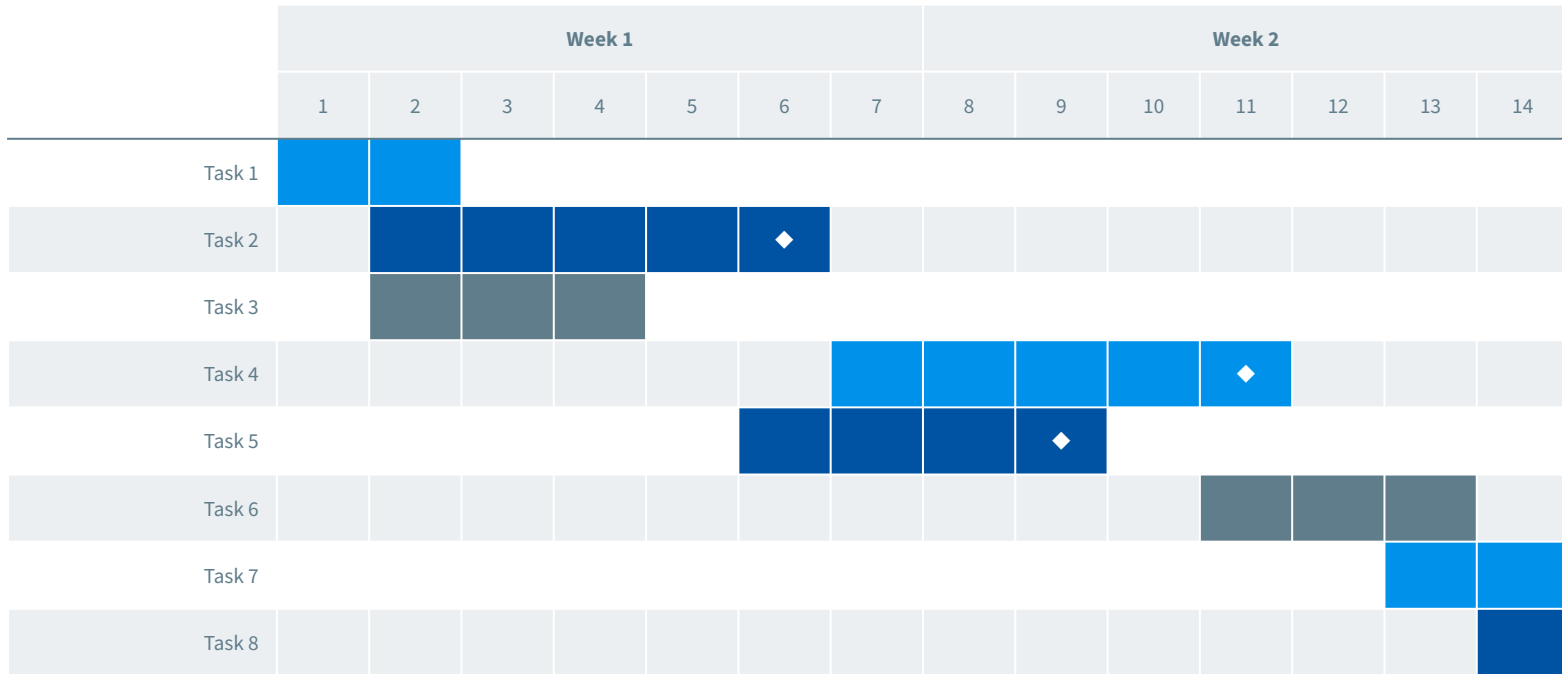
Timeline



Roadmap



Gantt chart



SWOT Analysis

STRENGTHS

Blue is the colour of the clear sky and the deep sea

S

WEAKNESSES

Yellow is the color of gold, butter and ripe lemons

W

O

Black is the color of ebony and of outer space










OPPORTUNITIES

T

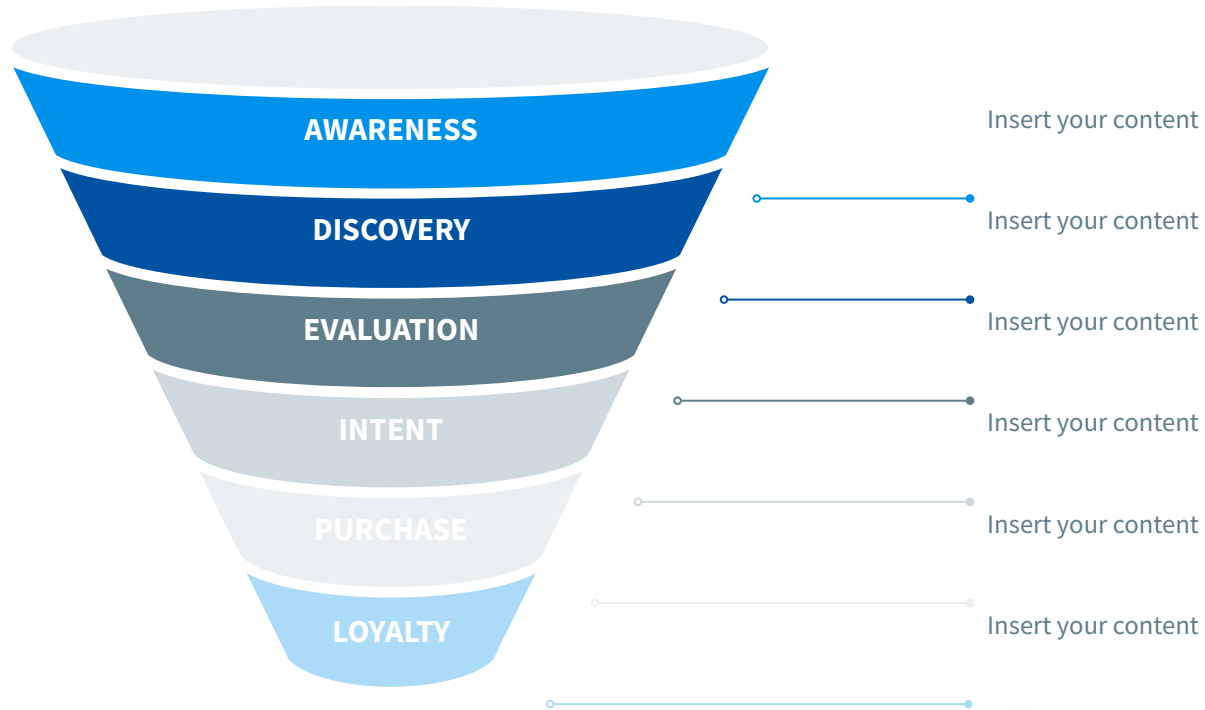
White is the color of milk and fresh snow

THREATS

Business Model Canvas

Key Partners Insert your content 	Key Activities Insert your content 	Value Propositions Insert your content 	Customer Relationships Insert your content 	Customer Segments Insert your content 
	Key Resources Insert your content 		Channels Insert your content 	
Cost Structure Insert your content 		Revenue Streams Insert your content 		

Funnel



Team Presentation



Imani Jackson

JOB TITLE

Blue is the colour of the clear
sky and the deep sea



Marcos Galán

JOB TITLE

Blue is the colour of the clear
sky and the deep sea



Ixchel Valdía

JOB TITLE

Blue is the colour of the clear
sky and the deep sea

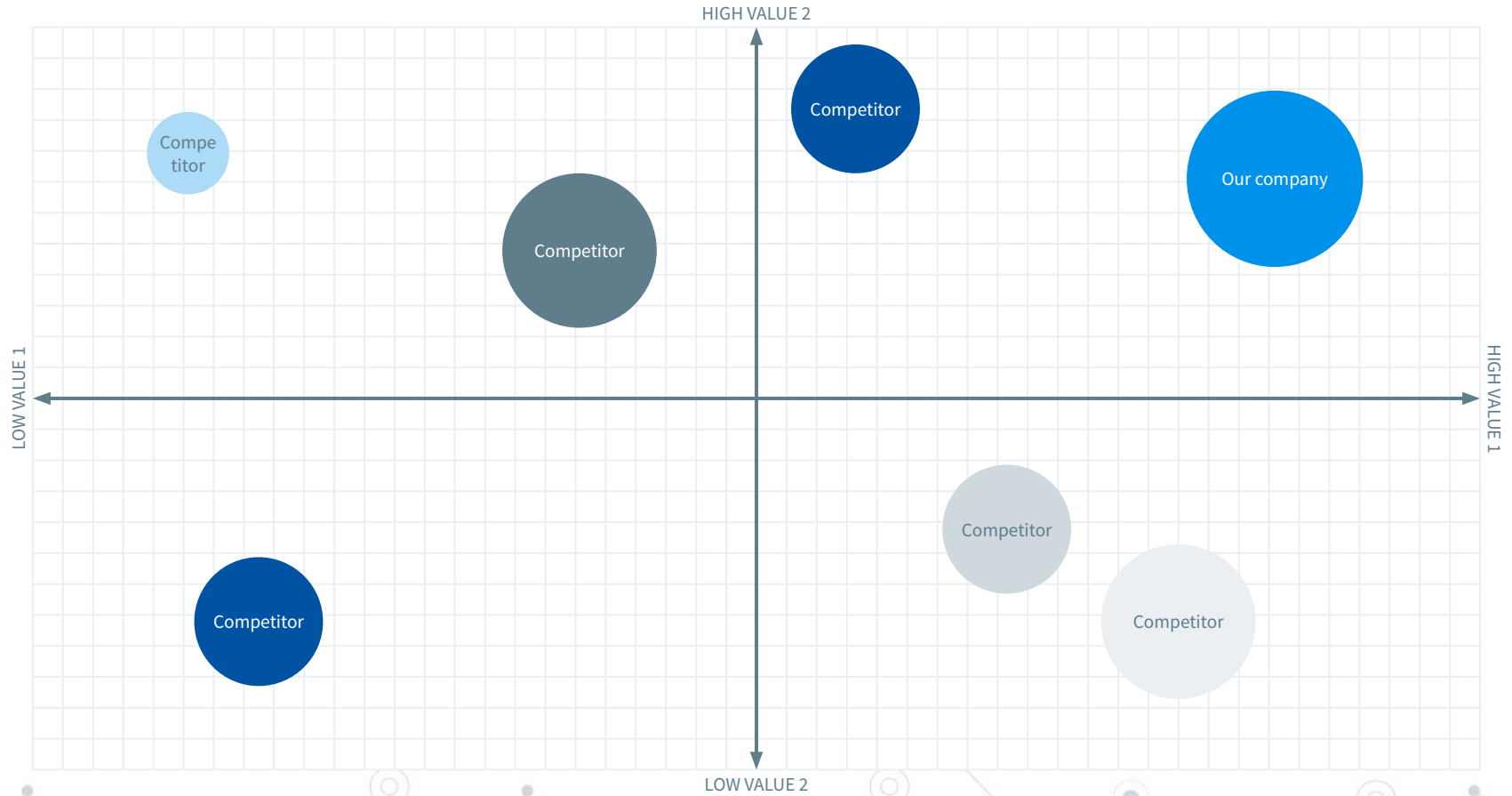


Nils Årud

JOB TITLE

Blue is the colour of the clear
sky and the deep sea

Competitor Matrix



Weekly Planner

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
09:00 - 09:45	Task	Task	Task	Task	Task	Task	Task
10:00 - 10:45	Task	Task	Task	Task	Task	Task	Task
11:00 - 11:45	Task	Task	Task	Task	Task	Task	Task
12:00 - 13:15	✓ Free time	✓ Free time	✓ Free time	✓ Free time	✓ Free time	✓ Free time	✓ Free time
13:30 - 14:15	Task	Task	Task	Task	Task	Task	Task
14:30 - 15:15	Task	Task	Task	Task	Task	Task	Task
15:30 - 16:15	Task	Task	Task	Task	Task	Task	Task



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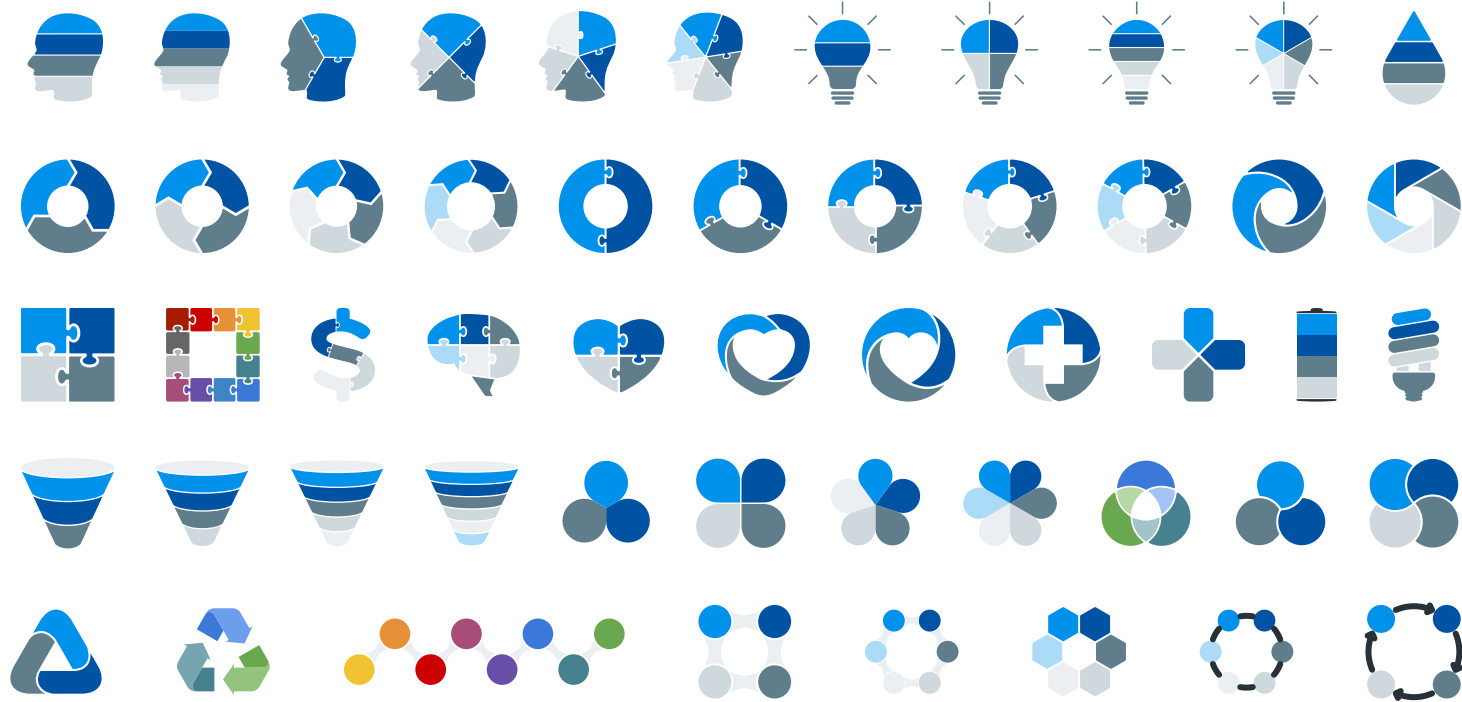
- Resize them without losing quality.
- Change line color, width and style.

Isn't that nice? :)

Examples:



Diagrams and infographics



You can also use any emoji as an icon!

And of course it resizes without losing quality.

How? Follow Google instructions <https://twitter.com/googledocs/status/730087240156643328>



and many more...



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Google Slides



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away with attractive
visuals