

# “Mix So Logic”

A cocktail recipe recommender system  
for recreational cocktail makers.

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PARTY ON!



PARTY ON!

# .01. BUSINESS CASE



It's all about business isn't it ?



# COVIED

No worries, it's over!  
Let's hope...

# HOME MADE COCKTAILS

“Mix So Logic” is a mobile and web-app oriented towards at-home cocktail makers. Whether they are aficionados or just starting out.

Making cocktails is always a convivial moment, and this trend has been amplified by the COVID pandemic lockdowns, world wide.

The app could interest brands aiming to target beginner and amateur mixologists.  
The model would have to adapted to revolve around their products.

PARTY TIME!



# Project Pipeline



## PLANNING



### Trello

- Main kanban
- Data wrangling
- Modeling



## ETL



### Python

- Find data
- Scrap
- Load into files



## CLEANING



### Python

- Clean text
- Drops
- Export to SQL



## EDA



### SQL+Python

- Create tables
- Export into CSVs
- Visualization



## MODELING



### Python

- KNearest Neighbors
- Prototype

**“For many people, pandemic lockdowns amplified aspects of creating coziness...”**

Brandy Rand, chief strategy officer, IWSR Drinks Market Analysis

**“Liquor Brands Bet Thrifty Drinkers Will Keep Making At-Home Cocktails”**

Joshua Kirby, for The Wall Street Journal, Jan. 7, 2023

<https://www.forbes.com/sites/illiandara/2021/02/17/this-report-shares-how-the-pandemic-changed-the-way-we-consume-alcohol/>  
<https://www.wsj.com/articles/liquor-brands-bet-thrifty-drinkers-will-keep-making-at-home-cocktails-11673092159>



# SOME NUMBERS

**47%**

Of at-home cocktail drinkers plan to continue mixing their own drinks.

**8%**

Report they will be making them more often!



**40%**

Of U.S. based respondents choose to make more cocktails at home in 2022 compared to 2020

**+59%**

Search volume for “cocktails” on Google, between October 2021 and September 2022

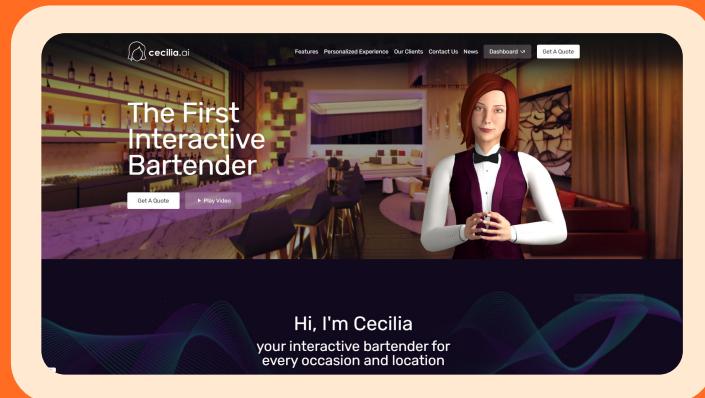
# “The Simpsons did it...”

Actually, Ming Box LTD did it... Furthermore, they integrated their Ai in a robot that prepares the cocktails as well.

“Mix So Logic” is more convivial and revolves around users learning and sharing skills and moments!



*(Also, I personally prefer a human bartender... They make better conversation... AND better cocktails!!)*



**<https://cecelia.ai/>**

## Random facts



**24%**

Of cocktails  
start with the  
letter “B”



**1.6B\$**

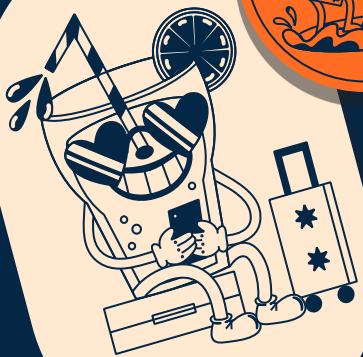
Of ready to  
drink cocktails  
sales in 2021.



**6%**

Of all off-trade  
alcohol sales  
will be  
ecommerce by  
2025.





.02.

# DATA WRANGLING



# DATA COLLECTION



Since at-home cocktail makers do not have easy access to all the specific ingredients for cocktails, it mattered to have a large quantity of cocktail recipes.

- **Variations on classic cocktails**
- **Quirky ingredients**
- **Most common alcohols**

Although existing databases were available, web scraping seemed the best option to retrieve a large quantity of data.



# LET'S GET SCRAPPING

## Our target : [DRINKLAB.ORG](http://DRINKLAB.ORG)

Boasting a 5000+ catalogue of cocktail recipes, with description, recipe, ingredients and nutrient list, and for some, an instructional video. This target seemed ideal as it fulfilled our requirements.



## SCRAPPING STEPS

- Analysing the structure of the website
- Collect the alphabetically arranged cocktail recipe urls
- Collect all html soups from each cocktail page
- Retrieve relevant information



# Top level scrapping.

DrinkLab.org has catalogued it's cocktails by first letter, with multiple pages per letter containing the individual cocktail pages.



<https://www.drinklab.org/cocktail-recipes/>

```
1 cocktails_by_letter = soup.find_all('div', class_="x-text e89516-4 m1x2k-3")
2
3 url_by_letter = []
4
5 for link in cocktails_by_letter:
6     anchors = link.find_all('a')
7     for anchor in anchors:
8         url = anchor['href']
9         url_by_letter.append(url)
10
11
12 url_by_letter
```

# Downstairs.

**Loop through the previously created list of urls, the code scraps through the pagination by changing it's base url.**

<https://www.drinklab.org/name/a-cocktails/?page=2>

**And then retrieving all the cocktail pages' urls in the corresponding div class.**

**To stop the code and have it move to the next letter, it finds the number of pagination and breaks when it reaches it.**

```

1 cocktail_urls = []
2
3 for url in url_by_letter:
4     base_url = url
5     start_page = 1
6
7     while True:
8         url = base_url + "?_page=" + str(start_page)
9         response = requests.get(url)
10        soup = BeautifulSoup(response.content, 'html.parser')
11        divs = soup.find_all('div', class_="col-md-3 col-sm-4 col-xs-6 pt-cv-content-item pt-cv-1-col")
12
13
14     temp_urls = []
15
16     for div in divs:
17         anchor = div.find('a')
18         if anchor is not None and 'href' in anchor.attrs:
19             temp_urls.append(anchor["href"])
20
21     cocktail_urls.extend(temp_urls)
22
23     pagination = soup.find('ul', class_="pt-cv-pagination")
24     if pagination is None or 'data-totalpages' not in pagination.attrs:
25         # print('Next subpage')
26         break
27
28     total_pages = int(pagination['data-totalpages'])
29     if start_page >= total_pages:
30         # print('Next page')
31         break
32
33     start_page += 1
34
35 # print(cocktail_urls)
36

```

\* Capture rectangulaire

# Bottom floor.

Due to the high loading time of the website, the html was souped and copied locally before the next step of scrapping.



```
1 def get_soups(url_list):
2
3     cocktail_htmls = []
4     file_counter = 0
5     file_path = 'C:/Users/User/Desktop/FORMATION/IRONHACK/PROJECTS/PROJECT-FINAL/html_soup'
6
7     for url in tqdm_notebook(url_list):
8
9         response = requests.get(url)
10
11         soup = BeautifulSoup(response.content, 'lxml')
12
13         cocktail_htmls.append(soup)
14
15         filename = f'cocktail_{file_counter}.html'
16
17         file_full_path = os.path.join(file_path, filename)
18
19         with open(file_full_path, 'w', encoding='utf-8') as file:
20             file.write(str(soup))
21
22         file_counter += 1
```

# In the basement...

Going through each html file, the code scrapped the following info by targeting the associated classes:

- Cocktail name
- Description
- Recipe
- Ingredient List
- Video Link
- Nutrition Facts

```

1 def scrap_info(x):
2
3     extracted_info = []
4
5     for file_name in tqdm_notebook(os.listdir(x)):
6         if file_name.endswith('.html'):
7             file_full_path = os.path.join(x, file_name)
8
9             with open(file_full_path, 'r', encoding='utf-8') as file:
10                 soup = BeautifulSoup(file, 'html.parser')
11
12
13                 # name scrap
14                 name = soup.find('h1', class_="wprm-recipe-name wprm-block-text-bold")
15                 if name is not None:
16                     ctl_name = name.text
17                 else:
18                     ctl_name = None
19                     if ctl_name is None:
20                         continue
21
22                 # description scrap
23                 description = soup.find('div', class_="wprm-recipe-summary wprm-block-text-normal")
24
25                 if description is not None:
26                     ctl_description = description.text
27
28                 else:
29                     ctl_description = "Unfortunately, we have no description for this drink... You'll have to describe it yourself!"
30
31                 # recipe scrap
32                 recipe = soup.find('div', class_="wprm-recipe-instruction-group")
33                 if recipe is not None:
34                     ctl_recipe = recipe.text
35                 else:
36                     ctl_recipe = "Woops... We couldn't retrieve the exact recipe... It's trial & error time! Just a little more fun before enjoying a nice drink!"
37
38                 # ingredients scrap
39                 ingredients = soup.find('div', class_="wprm-recipe-ingredient-group")
40                 if ingredients is not None:
41                     ctl_ingredients = ingredients.text.replace('O', ' |').replace(' ', ':')
42                 else:
43                     ctl_ingredients = "Woops... What happened?! Something didn't work, please try again."
44
45                 # video link scrap
46                 video = soup.find('iframe')
47                 if video is not None:
48                     ctl_vid = video['src']
49                 else:
50                     ctl_vid = "There doesn't seem to be an instructional video for this cocktail. Why not make the tutorial yourself!"
51
52
53                 # nutrition scrap
54                 nutrition = soup.find('div', class_="wprm-nutrition-label-container wprm-nutrition-label-container-simple wprm-block-text-normal")
55                 if nutrition is not None:
56                     ctl_nutrition = nutrition.text
57                 else:
58                     ctl_nutrition = "There doesn't seem to be any nutritional facts associated to this cocktail. But we know that's not why you're here..."
59
60                 extracted_info.append([ctl_name, ctl_description, ctl_recipe, ctl_ingredients, ctl_nutrition, ctl_vid])
61
62 df = pd.DataFrame(extracted_info, columns=['Name', 'Description', 'Recipe', 'Ingredients', 'Nutrition Facts', 'Video Link'])
63
64 return df

```

# Retrieved data

Below is the dataframe resulting from the scraping.



	Name	Description	Recipe	Ingredients	Nutrition Facts	Video Link
0	American Beauty Cocktail	Unfortunately, we have no description for this drink... You'll have to describe it yourself!	Woops... We couldn't retrieve the exact recipe... It's trial & error time! Just a little more fun before enjoying a nice drink!	1 oz: Brandy   .5 oz: Dry Vermouth   .25 oz: White Creme De Menthe   1 oz: Orange Juice   1 tsp: Grenadine Syrup   1 oz: Red Port	Calories: 185kcal   Carbohydrates: 14g   Protein: 0.3g   Fat: 0.1g   Saturated Fat: 0.01g   Polyunsaturated Fat: 0.02g   Monounsaturated Fat: 0.01g   Sodium: 6mg   Potassium: 89mg   Fiber: 0.1g   Sugar: 10g   Vitamin A: 50IU   Vitamin C: 20.6mg	There doesn't seem to be an instructional video for this cocktail. Why not make the tutorial yourself!
1	Azzuro	Unfortunately, we have no description for this drink... You'll have to describe it yourself!	Shake and strain into an ice-filled collins glass, and garnish with fruit.	1 oz: Exotic-Fruit Liqueur   1 oz: Blue Curacao Liqueur   1 oz: Banana Liqueur   2 oz: Passion Fruit Juice   2 oz: Apple Juice   1 tsp: Egg	There doesn't seem to be any nutritional facts associated to this cocktail. But we know that's not why you're here...	There doesn't seem to be an instructional video for this cocktail. Why not make the tutorial yourself!
2	Apple Fairy	Unfortunately, we have no description for this drink... You'll have to describe it yourself!	For this recipe, make some Juice - Apple Juice ice cubes before you start. Then add 3 Juice - Apple Juice cubes to a cocktail glass. Add absinthe and apple Vodka, and fill with cider.	2/3 oz: Herbal Liqueur   2/3 oz: Apple Vodka   3 oz: Apple Soda	There doesn't seem to be any nutritional facts associated to this cocktail. But we know that's not why you're here...	There doesn't seem to be an instructional video for this cocktail. Why not make the tutorial yourself!
3	Black Rose Bacardi	Unfortunately, we have no description for this drink... You'll have to describe it yourself!	Shake or stir, pour it into a coctail glass, add some crushed ice and serve.	: Ice   1 oz: White Rum   2 oz: Cola   2 oz: Lime Juice	There doesn't seem to be any nutritional facts associated to this cocktail. But we know that's not why you're here...	There doesn't seem to be an instructional video for this cocktail. Why not make the tutorial yourself!
4	Blue Latvian	Unfortunately, we have no description for this drink... You'll have to describe it yourself!	Pour the Jack Daniel's whiskey into a mixing glass. Add blue raspberry juice until the mixture is more blue than brown. Finish with lemon-lime soda until the mixture is fizzing. Serve in a collins glass.	1 oz: Bourbon Whiskey  : Raspberry Juice  : Lemon-Lime Soda	There doesn't seem to be any nutritional facts associated to this cocktail. But we know that's not why you're here...	There doesn't seem to be an instructional video for this cocktail. Why not make the tutorial yourself!

# Data Overview



---

<b>ROWS</b>	5116	String	To clean
-------------	------	--------	----------

---

<b>COLUMNS</b>	6	Features only	To split
----------------	---	---------------	----------

---

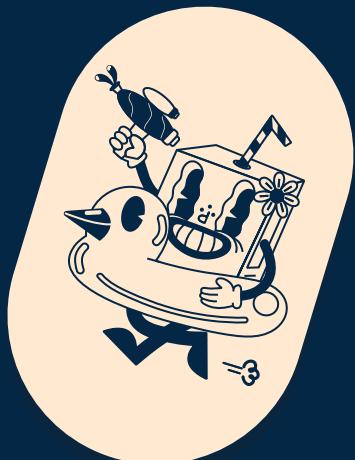


PARTY ON!

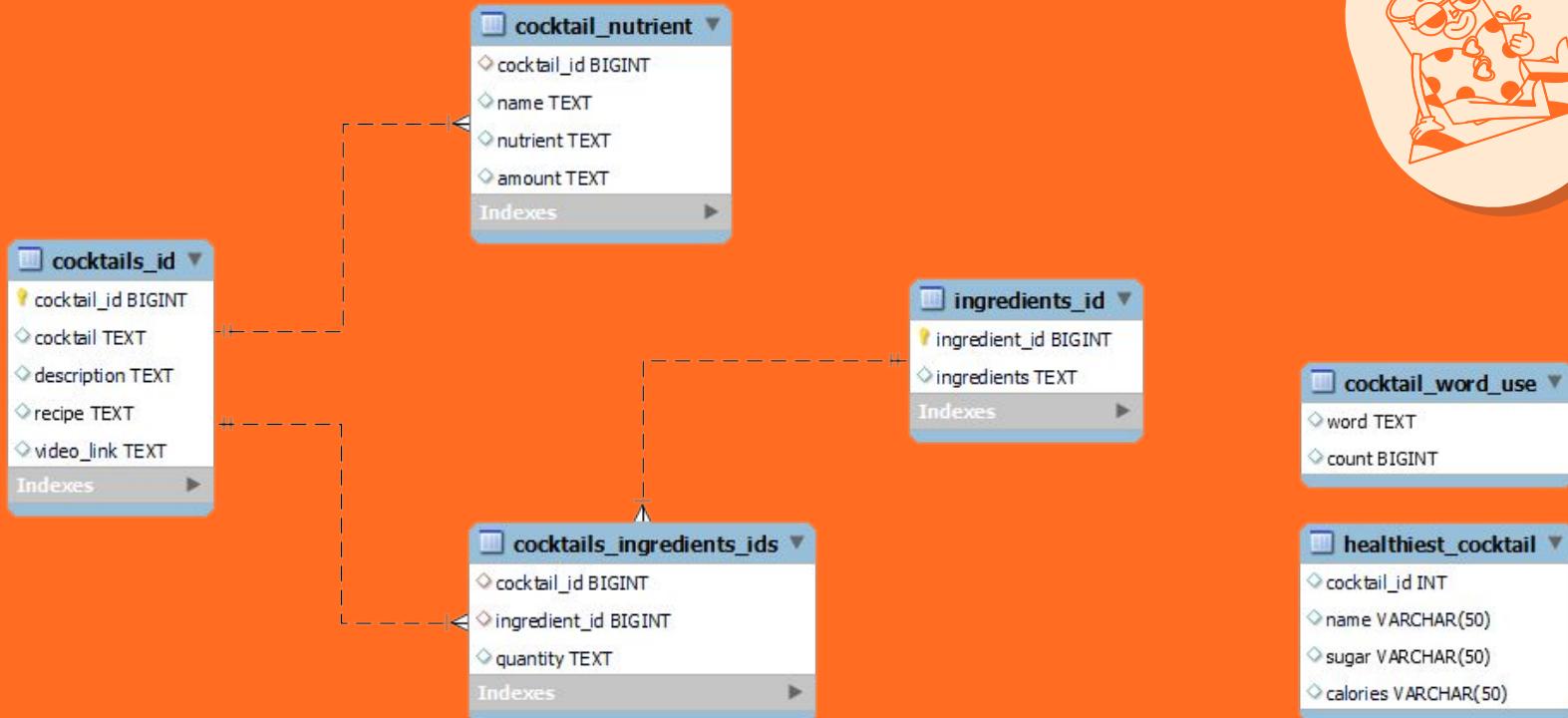


# .03. EDA

MySQL, Seaborn & Matplotlib



# Entity Relation Diagram



# (My) MySQL Queries



MySQL was used to create new CSVs from which to draw visualizations and insights on the data.

```

234 •   SELECT SUBSTRING(cocktail, 1, 1) AS first_letter, COUNT(*) AS count
235     FROM cocktails_id
236     GROUP BY first_letter
237     ORDER BY count DESC;

31  /**
32  ** Select the top 20 most calorific cocktails */
33
34 •   SELECT * FROM cocktail_nutrient WHERE amount IS NOT NULL;
35
36 •   SELECT name, nutrient, amount
37     FROM cocktail_nutrient
38     WHERE nutrient = 'Calories'
39     ORDER BY CAST(REPLACE(amount, 'kcal', '') AS DECIMAL) DESC
40     LIMIT 20;
41

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:	Fetch rows:																								
<table border="1"> <thead> <tr> <th>name</th> <th>nutrient</th> <th>amount</th> </tr> </thead> <tbody> <tr><td>Apples and Oranges Martini</td><td>Calories</td><td>2036kcal</td></tr> <tr><td>4165 Daiquiri</td><td>Calories</td><td>1552kcal</td></tr> <tr><td>Blueberry Infused Vodka Lemonade</td><td>Calories</td><td>1529kcal</td></tr> <tr><td>3 for a Dollar Special</td><td>Calories</td><td>1525kcal</td></tr> <tr><td>Chocolate Sin Cocktail</td><td>Calories</td><td>1511kcal</td></tr> <tr><td>Halloween Eyeball Jello Shots</td><td>Calories</td><td>1240kcal</td></tr> <tr><td>The Panem-anian Soother</td><td>Calories</td><td>1136kcal</td></tr> </tbody> </table>	name	nutrient	amount	Apples and Oranges Martini	Calories	2036kcal	4165 Daiquiri	Calories	1552kcal	Blueberry Infused Vodka Lemonade	Calories	1529kcal	3 for a Dollar Special	Calories	1525kcal	Chocolate Sin Cocktail	Calories	1511kcal	Halloween Eyeball Jello Shots	Calories	1240kcal	The Panem-anian Soother	Calories	1136kcal				
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Halloween Eyeball Jello Shots	Calories	1240kcal																										
The Panem-anian Soother	Calories	1136kcal																										

```

240
241  /** Which cocktails have the most ingredients */
242
243 •   SELECT c.cocktail_id, c.cocktail, COUNT(i.ingredient_id) AS ingredient_count
244     FROM cocktails_id c
245     INNER JOIN cocktails_ingredients_ids i ON c.cocktail_id = i.cocktail_id
246     GROUP BY c.cocktail_id, c.cocktail
247     ORDER BY ingredient_count DESC;
248


```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:																											
<table border="1"> <thead> <tr> <th>cocktail_id</th> <th>cocktail</th> <th>ingredient_count</th> </tr> </thead> <tbody> <tr><td>2942</td><td>Jungle Juice</td><td>13</td></tr> <tr><td>12</td><td>Burning Pine Needles</td><td>10</td></tr> <tr><td>259</td><td>Bleeding Weasel</td><td>10</td></tr> <tr><td>270</td><td>Blood Mary Extra Hairy</td><td>10</td></tr> <tr><td>1353</td><td>Caribbean Smoked Torch</td><td>10</td></tr> <tr><td>1408</td><td>Cinnamon Bloody Mary</td><td>10</td></tr> <tr><td>2003</td><td>Eric's Bloody Bull</td><td>10</td></tr> <tr><td>2244</td><td>Fall Spice Cordial</td><td>10</td></tr> </tbody> </table>	cocktail_id	cocktail	ingredient_count	2942	Jungle Juice	13	12	Burning Pine Needles	10	259	Bleeding Weasel	10	270	Blood Mary Extra Hairy	10	1353	Caribbean Smoked Torch	10	1408	Cinnamon Bloody Mary	10	2003	Eric's Bloody Bull	10	2244	Fall Spice Cordial	10			
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# (My) MySQL Queries

```

42  /**
43  ** Select the top 20 healthiest cocktails */
44
45 • CREATE TABLE IF NOT EXISTS healthiest_cocktail (
46     cocktail_id INT,
47     name VARCHAR(50),
48     sugar VARCHAR(50),
49     calories VARCHAR(50)
50 );
51
52 • INSERT INTO healthiest_cocktail (cocktail_id, name, sugar, calories)
53     SELECT cn1.cocktail_id, cn1.name, cn1.amount, cn2.amount
54     FROM (
55         SELECT name, cocktail_id , amount
56         FROM cocktail_nutrient
57         WHERE nutrient = 'Sugar'
58         ORDER BY CAST(REPLACE(amount, 'g', '') AS DECIMAL) ASC
59         LIMIT 100
60     ) cn1
61     JOIN (
62         SELECT cocktail_id, name, amount
63         FROM cocktail_nutrient
64         WHERE nutrient = 'Calories'
65         ORDER BY CAST(REPLACE(amount, 'kcal', '') AS DECIMAL) ASC
66         LIMIT 100
67     ) cn2
68     ON cn1.name = cn2.name;
69
70 • SELECT * FROM healthiest_cocktail
71     LIMIT 20;

```

## ● Healthiest cocktails

Working from the tables imported from Python, this query selects the cocktails with the lowest sugar and calories count.

Concatenating the created columns into a new table.





# (My) MySQL Queries

```

155  /**
156  ** What type of cocktails have the most variations ? */
157
158 • SELECT cocktail_id, cocktail FROM cocktails_id;
159
160 • SELECT DISTINCT cocktail FROM cocktails_id;
161
162 • SELECT 'Martini Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Martini%" OR "%martini%" THEN 1 END) AS occurrence
163   FROM cocktails_id
164 UNION ALL
165 SELECT 'Daiquiri Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Daiquiri%" OR "%daiquiri%" THEN 1 END) AS occurrence
166   FROM cocktails_id
167 UNION ALL
168 SELECT 'Margarita Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Daiquiri%" OR "%daiquiri%" THEN 1 END) AS occurrence
169   FROM cocktails_id
170 UNION ALL
171 SELECT 'Coffee Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Coffee%" OR "%coffee%" THEN 1 END) AS occurrence
172   FROM cocktails_id
173 UNION ALL
174 SELECT 'Tea Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Tea%" OR "%tea%" THEN 1 END) AS occurrence
175   FROM cocktails_id
176 UNION ALL
177 SELECT 'Caipirinha Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Caipi%" OR "%caipi%" OR "%caipirinha%" OR "%Caipirinha%"
178   FROM cocktails_id
179 UNION ALL
180 SELECT 'Fizz Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Fizz%" OR "%fizz%" THEN 1 END) AS occurrence
181   FROM cocktails_id
182 UNION ALL
183 SELECT 'Punch Cocktails' AS cocktail, COUNT(CASE WHEN cocktail LIKE "%Punch%" OR "%punch%" THEN 1 END) AS occurrence

```

Result Grid		Filter Rows:	Export:	Wrap Cell Content:
cocktail	occurrence			
Martini Cocktails	137			
Iced Cocktails	98			
Bloody Cocktails	77			
Tea Cocktails	57			
Rum Cocktails	57			
Punch Cocktails	56			

## Cocktail variations

Define the types of classic cocktails, and count the occurrences in names.

# Most Variations

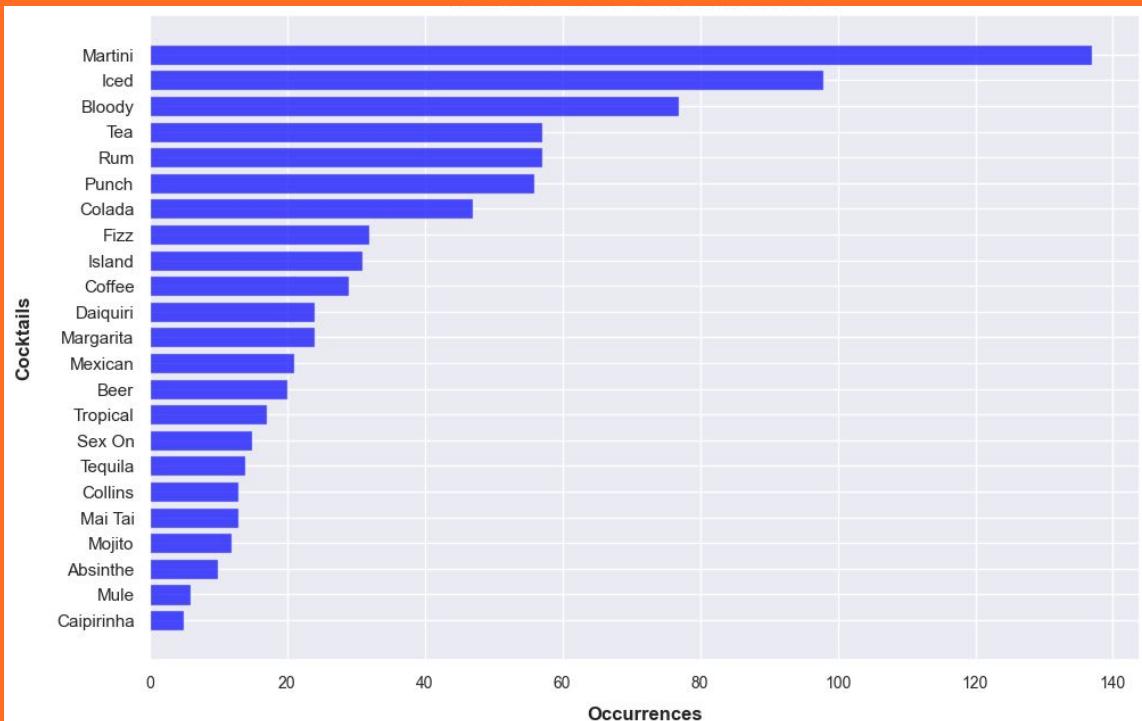


## MARTINI

Is the cocktail with the most variations.

A simple recipe provides room for variation on the formula.

*Gin, vermouth, (stirred, not shaken!) and an olive.*



# Ingredient Popularity



## Top 3

- Vodka
- Liqueur
- Juice

## Insight

Vodka isn't the most taste potent alcohol.

Liqueur and juices come in great diversity of flavors.



# Ingredient Count



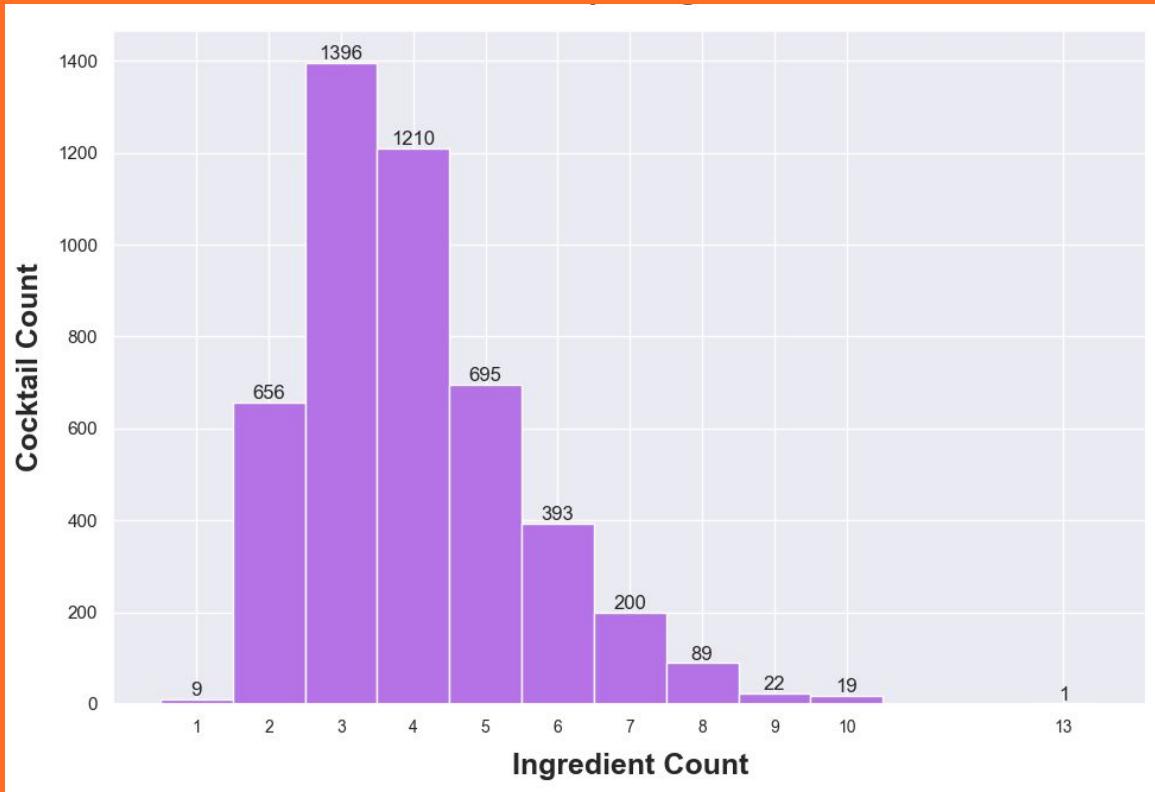
## 3 to 4

different ingredients in a cocktail.



## Insight

Most households therefore have sufficient ingredients to mix it up.





# Healthiest Cocktails



.04.

# MODELLING

“Lend me some sugar, I am your (KNearest) neighbor!”



# Why KNN ?

Since the project revolves around NLP, it seemed appropriate to compare the recurrence and proximity of terms in the features.

## The theory:

- User describes kind of drink they want.
- KNN finds closest neighbors.
- Returns list of cocktails.



# The training process

## This is a slide structure based on a newsletter

We can take a further look into the process in the notebook if desired.



<b>Save a return dataset</b>	To return all the relevant information, a full dataset was preserved into a csv file.
<b>Clean text</b>	Clean the cells' content from irrelevant characters using regex.
<b>Tokenize</b>	Fuse all text columns to be vectorized and tokenize them into a matrix.
<b>Truncate &amp; Normalize</b>	TruncateSVD to reduce dimension & Normalizer to mitigate false neighbors.
<b>Pre-process user input</b>	Implement the same processing to the user input.
<b>Train model</b>	Train/test model and fine tune parameters.
<b>Final model</b>	Integrate the final model into a user interface.

# IT'S DEMO TIME!

Let's hope it works this time...



PARTY ON!

# CONCLUSIONS

And some hindsight...



# Challenges



## DATA CLEANING

Found a backup dataset that proved too poor to exploit!

Not enough descriptions!



## MODEL

Hard to project yourself into what will be necessary down the line.



## APP

Due to time issues integration into an app prototype was put aside.



# Highlights



## SCRAPING

A challenge successfully met!

## PROGRESS

At every step of the project, room for progress revealed itself.

Very exciting!

## SYSTEM

Amazing to see the system return recommendations!  
(with a LOT of room for improvement!)

## APP

An interesting business case, with positive feedback and curiosity from friends in the field.

AND there was time to implement a streamlit!



# Improvements



## DATA

Assessing and selecting the right dataset to feed into the model.

Fill missing values with complementary data.



## WRANGLING

Keep in mind the end-goal of the data cleaning.

More descriptions!  
More text!



## SYSTEM

Experiment and test different models to yield better results.

Add cocktail names in vectors.



## APP

Take into account ingredient quantity & nutrition content to refine recommendations.

# THANKS!

**DO YOU HAVE ANY QUESTIONS?**

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---

Have a  
great  
day!



---

Have a  
great  
day!



---

Have a  
great  
day!





A PICTURE IS  
WORTH A  
THOUSAND  
WORDS

STAR  
PARTY TIME





# CUSTOMER REVIEWS



## 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”



## MARS

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

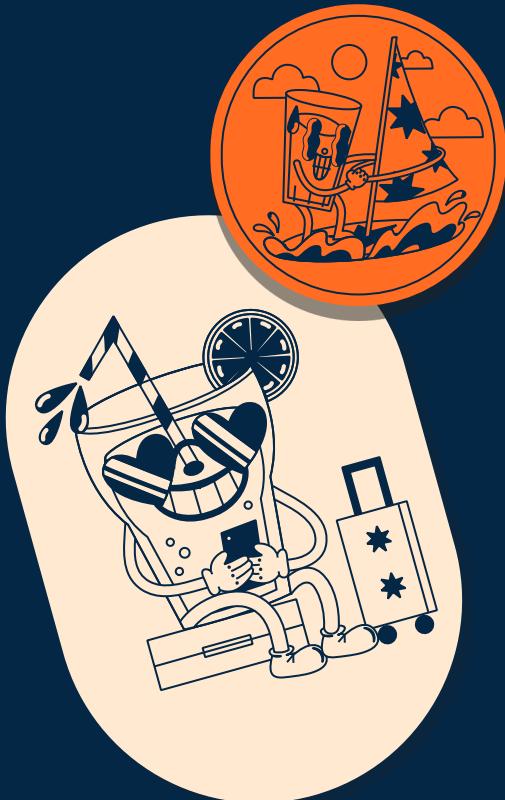




“This is a quote, words full of wisdom that someone important said and can make the reader get inspired.”

**-SOMEONE FAMOUS**





•.05.

# EVENTS

You can enter a subtitle here if you need it



# OUR COCKTAIL BARS



## USA

Mercury is the closest planet to the Sun and the smallest one in the Solar System



## EUROPE

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



# THE TEAM



## **TIMMY JIMMY**

You can talk a bit about this person here

**Position:** Cocktail pro

## **JAMES JONES**

You can talk a bit about this person here

**Position:** Cocktail pro



# ICON PACK



# RESOURCES

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

## PHOTOS

- Laughing bartender making a cocktail
- Front view line of gold tequila shots with copy-space
- Person holding glass of refreshing cocktail drink
- Blend of cocktails in glass with orange fruit

## VECTORS

- Acid summer sports stickers
- Acid pool party sticker set
- Acid travel stickers set
- Acid summer sports stickers
- Acid pool party sticker set

## ICONS

- Icon Pack: Cocktails | Lineal



# Instructions for use

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# Fonts & colors used

This presentation has been made using the following fonts:

## **Dela Gothic One**

(<https://fonts.google.com/specimen/Dela+Gothic+One>)

## **Epilogue**

(<https://fonts.google.com/specimen/Epilogue>)

#052746

#ff6c22

#ffe9d1

#212121

# 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



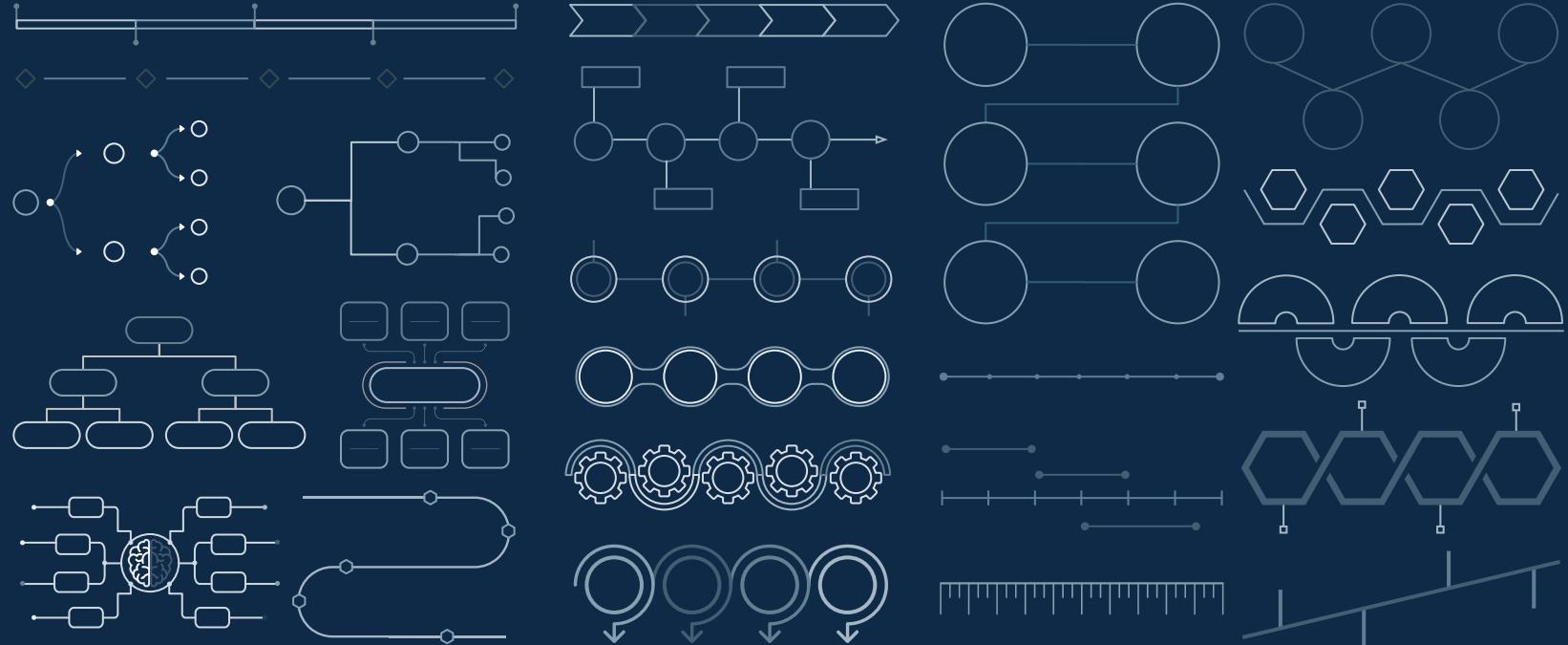
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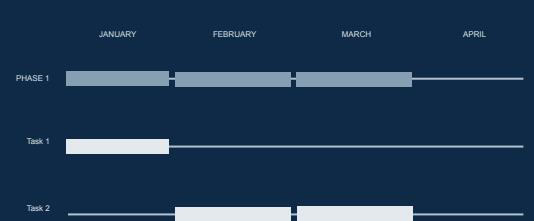
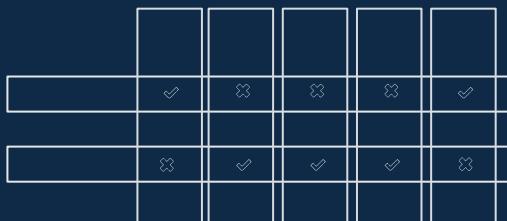
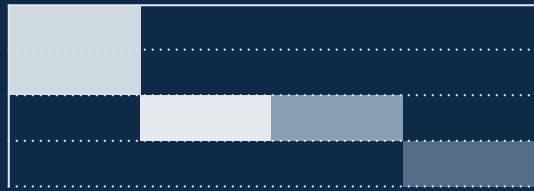
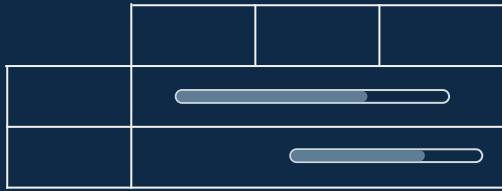
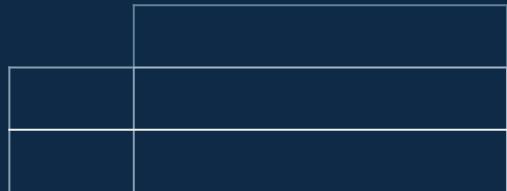
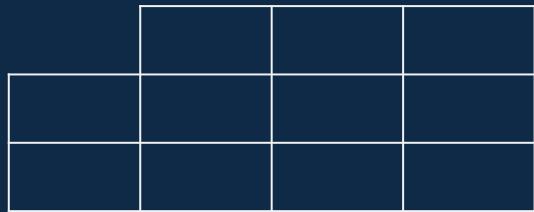
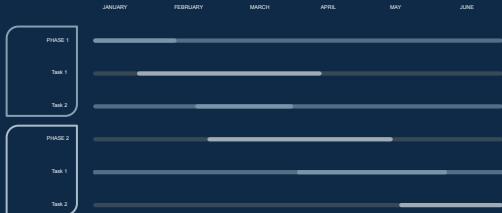
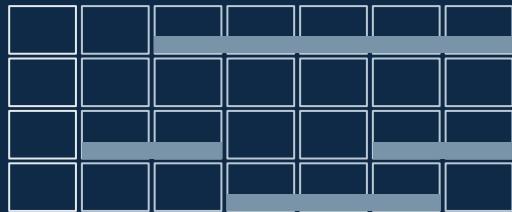
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You can easily resize these resources without losing quality. To change the color, just ungroup the resource and click on the object you want to change. Then, click on the paint bucket and select the color you want. Group the resource again when you're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

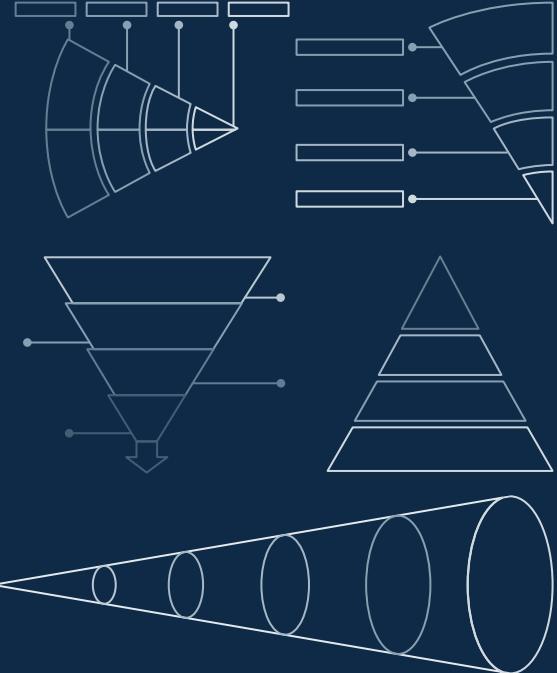
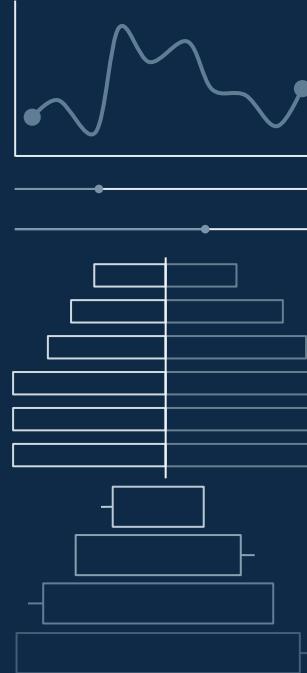
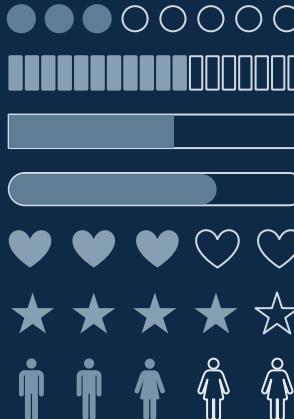
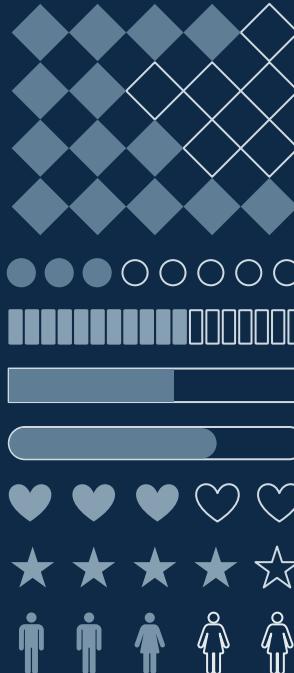
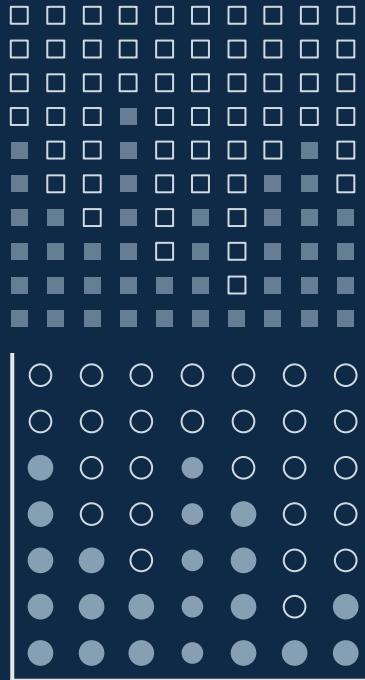












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## Educational Icons



## Medical Icons



## Business Icons



## Teamwork Icons



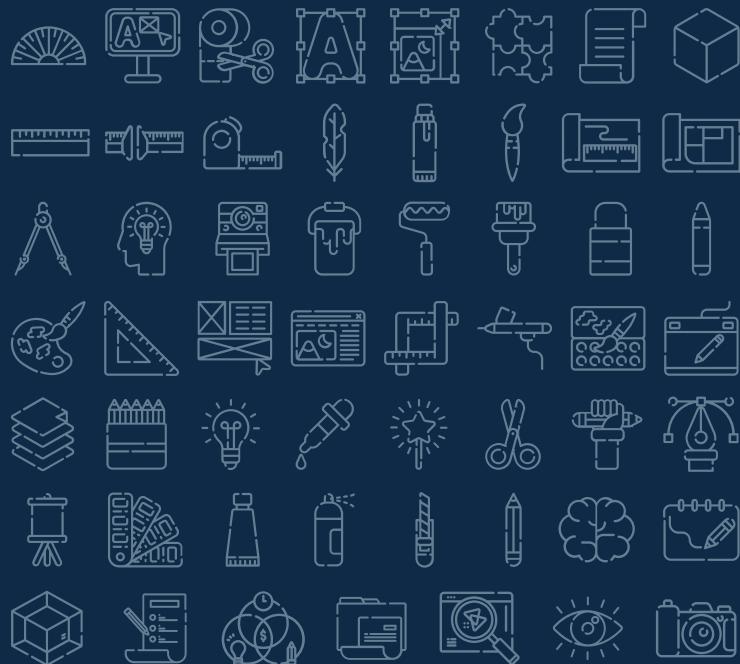
## Help & Support Icons



# Avatar Icons



## Creative Process Icons



## Performing Arts Icons



# Nature Icons



# SEO & Marketing Icons



