

Back 2 Viz Basics LIVE!

A Community Project

Eric Balash, Senior Manager, BI

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He/Him

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She/Her





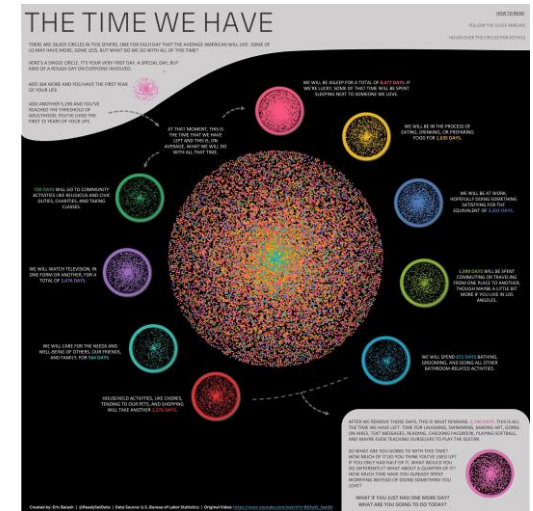
Agenda



- 01 **How it Started**
Tableau学生ガイドとコミュニティプロジェクト
 - 02 **What is Back 2 Viz Basics (#B2VB)**
The who, what, why, how, and when
 - 03 **Stats & Accomplishments**
これまでに何を達成したか
 - 04 **Viz Live & Review**
ライブ参加セッションとレビュー
- 

Eric Balash

- Senior Manager, BI & Analytics at Lovelytics (Arlington, VA)
- Newly selected Tableau Visionary & 4x Tableau Public Ambassador
- 4 Viz of the Days
- Founder of Back 2 Viz Basics
- Husband to Olivia and Dog Dad to Loki



Elisa Davis

- Consultant at Onware, Inc
- Co-lead of Back 2 Viz Basics
- Tableau Public Ambassador (2x)
- Tableau Featured Author '22
- Avid Skier and Hiker



MY ODE TO **INDIAN-ISH**
A COOKBOOK BY PRIYA KRISHNA & RITU KRISHNA (HER MOM!)

*The art of nourishing our bodies
a symphony of fresh whole spices
a tapestry of relationships*

This cookbook changed my life. I've always enjoyed cooking but struggled with the frequency with which we need to do it. Fancy dinners, no problem. Cooking healthy, delicious, easy dishes that also need to harmonize and compliment each other out of ingredients that you have in your house on any random Wednesday? Almost impossible. Enter: Indian-ish. Dinner: Solved.

BY THE NUMBERS

MADE BY ME/HAVEN'T TRIED (hover)

1 AMAZING BOOK **93** RECIPES

BY SECTION (hover)

Mother Sauces	10
Vegetable Sides	8
Vegetable Mains	7
Beans and Lentils	6
Breads	5
Grains and Noodles	4
One Chicken and Three Fish	3
Drinks	2
Desserts	1

I have cooked 50 of the recipes in this book since it came into my life in 2020. My guess was that I had made around 80% of the recipes, which might be true... for the front half of the book.

Maybe we'll have more opportunities for sharing desserts and appetizers soon.



TOSS A COIN TO YOUR WITCHER

When a thistle bard
Graced a folk song
With words of fire
Along came this song

From when the White Wolf fought
A killer long dead
His enemy of men
At his houses did they meet

They came after us
We were not to blame
Breaks down my life
And they looked in my teeth

With the heart's bones
Mined our tender meat
And so I cried the witcher
He can't be dead

Toss a coin to your Witcher
Oh, valley of plenty
Oh, valley of plenty, oh
Toss a coin to your Witcher
Oh, valley of plenty

At the edge of the world
Right the happy home
That banes and banes you
And brings you to hours

He thrust every elf
He laid on the ground
High up on the mountain
From where I came

He wiped out your goat
Get locked in his chest
With a friend of humanity
So give him the rest

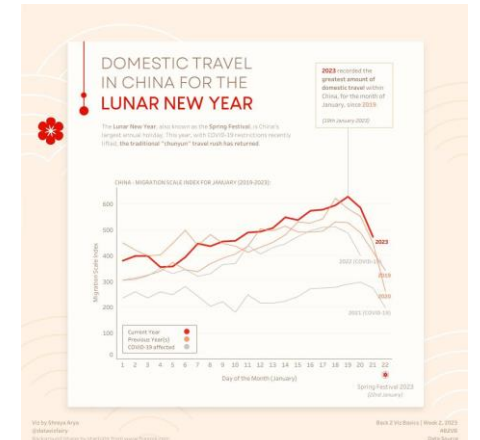
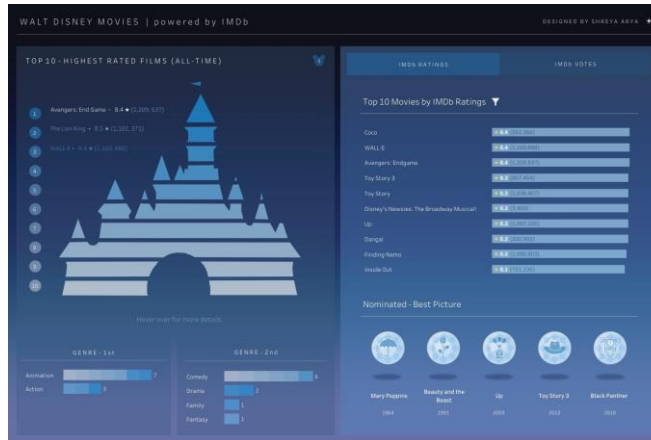
That's my epic tale
Our children are named
Defended the castle
Now your him come on

Toss a coin to your Witcher
Oh, valley of plenty
Oh, valley of plenty, oh
Toss a coin to your Witcher
Oh, valley of plenty, oh
Toss a coin to your Witcher
A friend of humanity... (2x)



Shreya Arya

- Tableau/Alteryx Consultant at The Information Lab
- Co-lead of Back 2 Viz Basics
- 7 Viz of the Days
- Tableau Public Featured Author 23'
- Loves making jewellery and watercolouring





How It Started

The Tableau Student Guide & Community Projects

The Tableau Student Guide

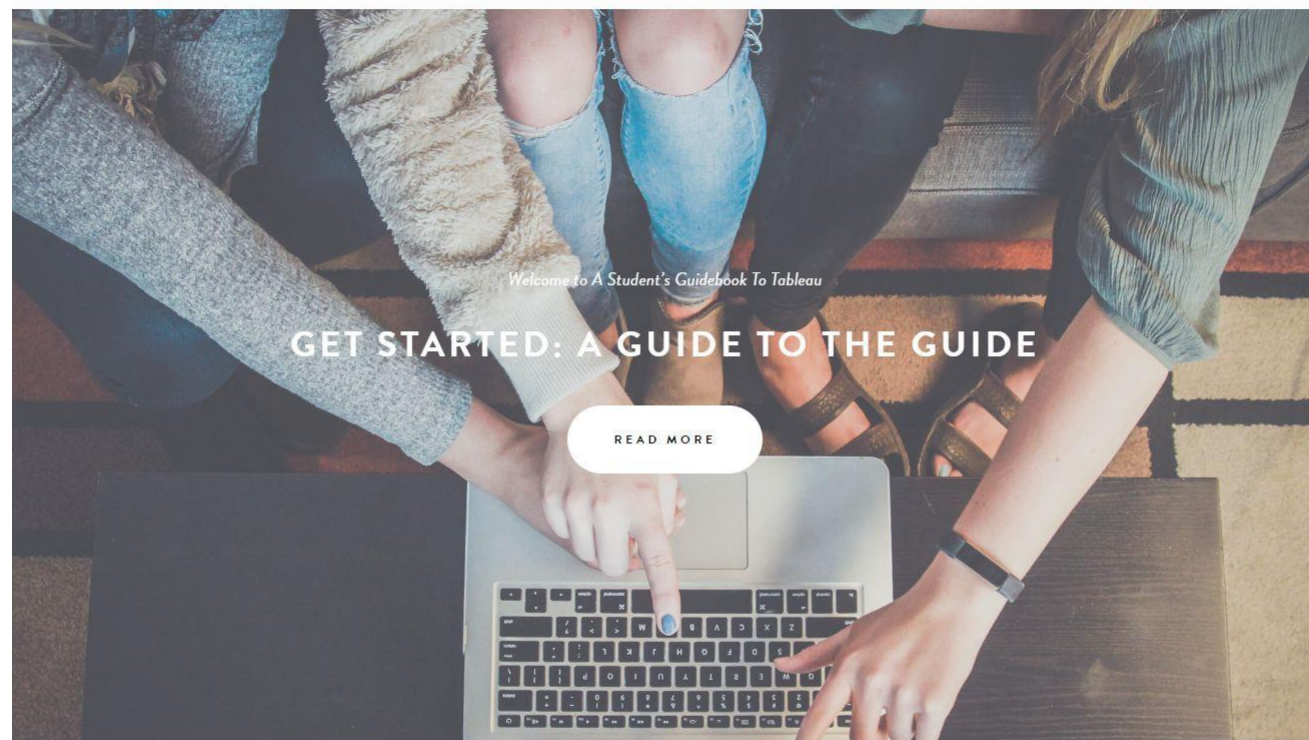
- このガイドはTableau Student AmbassadorのMaria Brock氏が作成
- Tableauを使い始める際のリソース、ヒント、ステップバイステップを1つの場所にまとめている

The Tableau Student Guide

HOME

ABOUT

BACK 2 VIZ BASICS

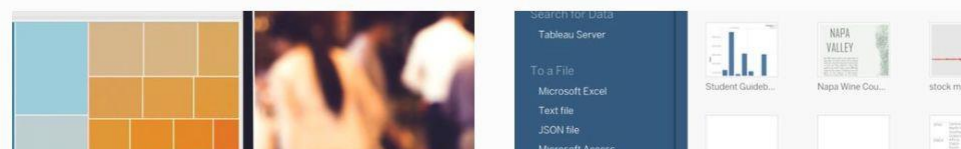


Welcome to A Student's Guidebook To Tableau

GET STARTED: A GUIDE TO THE GUIDE

READ MORE

GETTING STARTED - SEE ALL POSTS

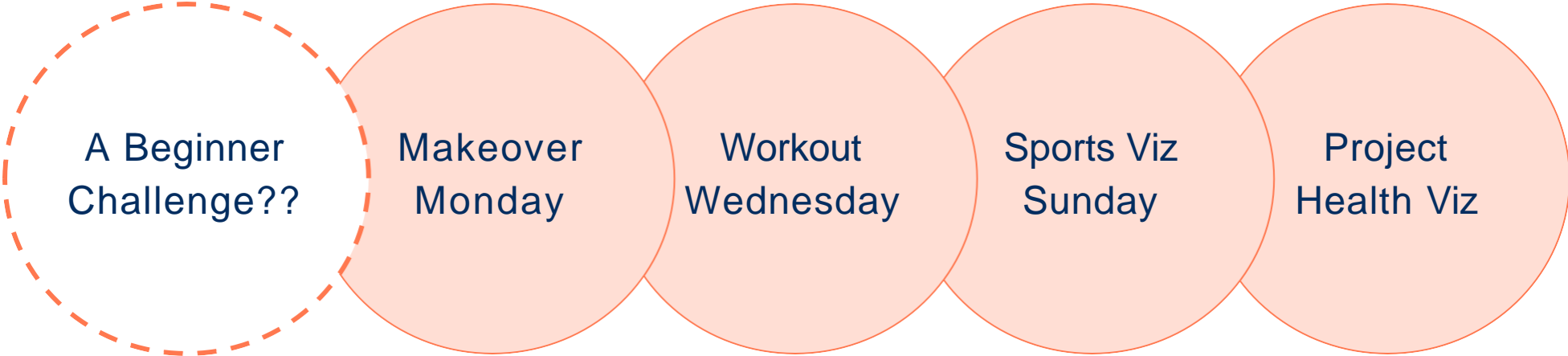




The Tableau Student Guide

Members of the Tableau Community have created [projects](#) that give you the opportunity to learn, practice, and apply your data skills across a variety of topics, products, and causes

Anyone can participate!



A Beginner
Challenge??

Makeover
Monday

Workout
Wednesday

Sports Viz
Sunday

Project
Health Viz





What is Back 2 Viz Basics?

The who, what, why, how, and when

The What

Tableauを使い始めるのは大変なことです。

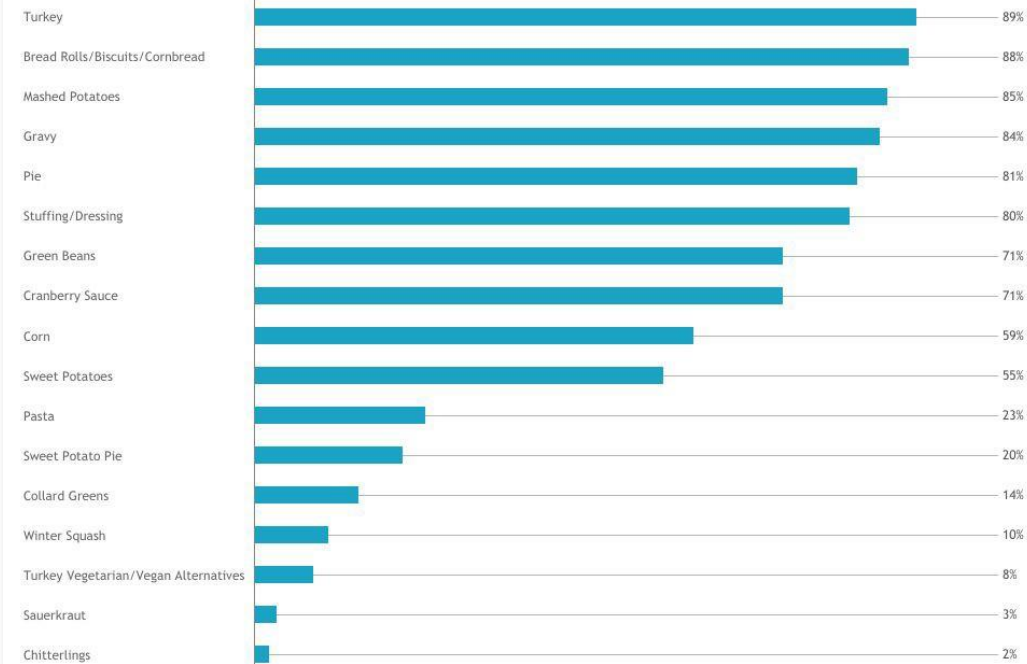
正式なTableauやデザインのトレーニングを受けたことがない方が、コミュニティで初心者のための優れたチュートリアルや、取り組みを見つけることはとても難しいです。

Back 2 Viz Basicsは、Tableauを使い始めたばかりの初心者を支援するためのコミュニティ・プロジェクトとして誕生しました！



B2VB BAR CHART

1,199 individuals were surveyed and for each food item, asked if it would be on their Thanksgiving dinner table.



Designed by Kevin Flertage for B2VB | Data www.statista.com/chart/6871/what-will-be-on-thanksgiving-dinner-tables-this-year

The Who

NEW USERS

- Tableauをダウンロードしたばかりですか？
- コミュニティは初めてですか？
- ビジュアライゼーション作成のヘルプが必要ですか？
- 何から始めれば良いかわかりますか？

EXPERIENCED USERS

- Visionary/Ambassadorですか？
- Tableauを1年以上、3年以上、10年以上使用していますか？
- 新しいことを始めたいですか？
- 新しい方法を試す準備はできていますか？

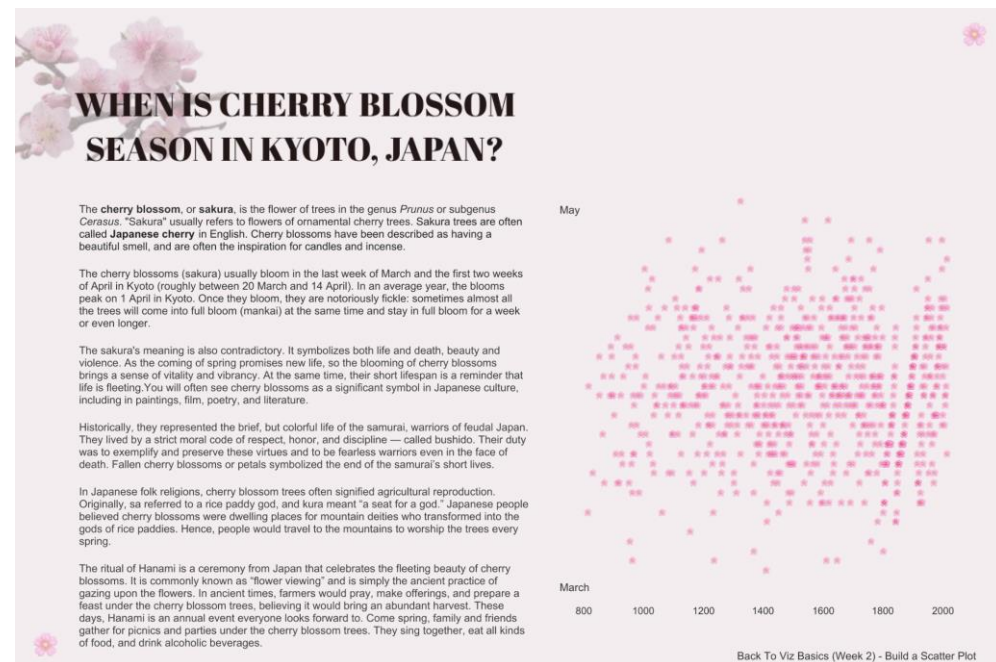


The Why

Tableauを学んでいるとつまづくことがあります。

Back 2 Viz Basicsでは、1つのテーマに絞って取り組むことができます。

複雑で重い計算のダッシュボードを作る必要はありません。



- 強調のために意図的に色を使用することに重点を置く
- 適切なフォントの種類、サイズ、配置を選択する
- グリッド線、罫線、軸、リファレンスラインなどのフォーマットを編集する
- データを理解し、傾向を視覚化する
- シンプルでクリーンなデザインにする
- コミュニティメンバーとして新しいことにチャレンジする

The How

Follow

Connect

Viz

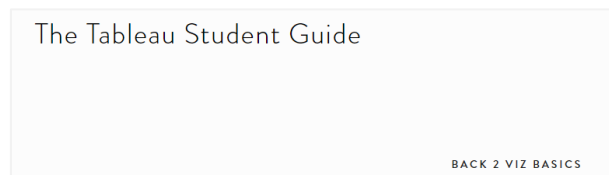
Post

Submit

**隔週日曜日に新しい
テーマが発表されます**

Xをフォローするか、
The Tableau Student
Guide サイトで、データ
をチェックしましょう

<https://www.thetableaustudentguide.com/vizbasics>



Eric Barash @ReadySetData
Elisa Davis @ItsElisaDavis

**Data.World で発表され
たプロジェクトをフォ
ロー : Back 2 Viz Basics
(@back2vizbasics)**

Data.Worldでアカウント
を作成してデータをダ
ウンロードし、Tableau
で接続しましょう

各週のプロジェクト説
明と、考慮すべき点を
読んで、ビジュアライ
ゼーションに挑戦しま
しょう

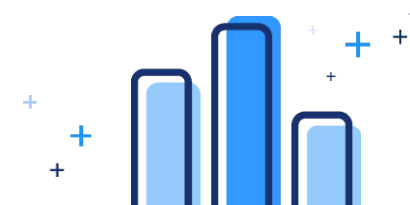
書式設定などのシンプ
ルなビジュアライゼー
ションと、簡単な分析
に重点を置きましょう

Vizが完成したら、
Tableau Publicで
公開しましょう

Twitter、LinkedInなどに、
Vizのリンクや画像をぜ
ひ紹介してください
(EricとElisaをタグ付け
しましょう!)

Back 2 Viz Basics サイト
のトラッカーに
インプット
(下の方にあります)

必須ではないですが、
ぜひElicやElisaにもみな
さんの投稿を知っても
らいましょう!



The #B2VB Team is Here to Help!


Shreya's Tips

Shreya Arya · 1st
Tableau/Alteryx Consultant at The Information Lab | Tableau...
1w · 🌐

Ready to build better Maps? Here are 10 TIPS to help you get started! 📌💖

📅 Week 7 - Build a Symbol Map ... [...see more](#)


— BACK 2 VIZ BASICS —



Tips
Build a better
MAP

[READ NOW!](#)

Eric's Video Reviews



Back 2 Viz Basics: 2024/Week 3 - Build a Text Table

Eric Balash
170 subscribers [Subscribe](#)

👍 7 🗨️ 📄 Share 📄 Download ⋮

Elisa's Tweets

Elisa Davis @ItsElisaDavis · Jan 23

Replying to @Yeside_data and @ReadySetData
Nice! Like the color choice, legend-in-text, and the analysis is great too. Take the icon sz down ~10%, add 10-25 pts padding between the border and the chart, +1 line break above the chart, and shade a ref band or add a line to the annotation to clarify. High five!

🗨️ 1 🔄 📄 2 📊 157 📄

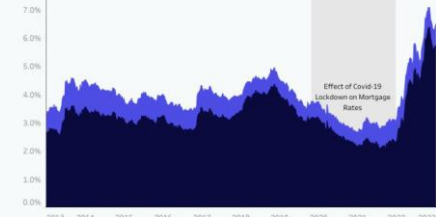
Yeside Okelana @Yeside_data · Jan 27

Replying to @ItsElisaDavis and @ReadySetData
Hi, Elisa. I incorporated your feedback in the updated version below. Thank you for taking the time to review it.

Trend of US Mortgage Rates in the Last Decade

The 15-Year Fixed Rate Mortgage (15YFRM) and 30-Year Fixed Rate Mortgage (30YFRM) have followed similar patterns in the last decade, with both rates reaching a decade-low of 2.1% and 2.8% during the global lockdown.

The rates started rising in 2022 and eventually peaked at a decade-high of 6.4% and 7.1% respectively in the week of November 30, 2022. But they dropped almost immediately and have since been on a downward trend.



Project: #B2VB 2023 Week 1 | Author: Yeside Okelana @Yeside_data | Data: FreddieMac | from [Crashly](#)



The When

	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
WEEK A	課題掲載	Viz作成期間					
				TIPS 投稿			
WEEK B		投稿の確認とレビュー					
				ビデオ投稿			
WEEK C	サイクルリピート 課題掲載	Viz作成期間					
				TIPS 投稿			
WEEK D		投稿の確認とレビュー					
				ビデオ投稿			
WEEK E	サイクルリピート 課題掲載	Viz作成期間					
				TIPS 投稿			
WEEK F		投稿の確認とレビュー					
				ビデオ投稿			



Stats & Accomplishments

What have we done so far?

The Numbers



Challenges



Submissions



Participants



Viz of the Days

Challenge Topics Have Included...

BUILD YOUR BEST
BAR CHART

LINE CHARTS

BUILD A
TEXT TABLE

BUILD A
SCATTERPLOT

DESIGN
SOME KPIS

BUILD A
HEAT MAP

CREATE A
SYMBOL MAP

BUILD A
HISTOGRAM

USE AN ACTION

SOURCE YOUR OWN
DATA

DESIGN A
MOBILE VIEW

USE AN IMAGE

BUILD A DOT PLOT

BUILD A TREEMAP

USE ANNOTATIONS
EFFECTIVELY

CHANGE OVER TIME

BUILD AN AREA
CHART

DEALING WITH
OUTLIERS

DESIGN A
WIREFRAME

USE SETS FOR TOP N
FILTERING



Viz of the Days

22 Viz of the Days

HBCUs Overview

US Historically Black Colleges and Universities

HBCU	Gender	Turnover (In-State / Out-of-State, Room & Board)	Online Classes
Alabama A&M University	5,227 Total population 4,496 (86%) Undergraduate 831,026 (16%) Grad	11,006 10,150 846	✓
Alabama State University	5,983 Total population 4,183 (69%) Undergraduate 1,800 (30%) Grad	11,162 10,424 738	✓
Albany State University	4,415 Total population 3,434 (78%) Undergraduate 981 (22%) Grad	10,120 9,126 994	✓
Alcorn State University	3,802 Total population 2,893 (76%) Undergraduate 909 (24%) Grad	11,041 10,302 739	✗
Aston University	897 Total population 749 (83%) Undergraduate 148 (17%) Grad	10,517 10,017 500	✗
American Baptist College	352 Total population 327 (93%) Undergraduate 25 (7%) Grad	10,104 9,704 399	✗
Arkansas Baptist College	1,119 Total population 913 (81%) Undergraduate 206 (19%) Grad	10,572 10,072 500	✗
Barber-Scottia College	582 Total population 491 (84%) Undergraduate 91 (16%) Grad	10,199 9,699 500	✗
Benedict College	3,337 Total population 2,424 (72%) Undergraduate 913 (28%) Grad	11,140 10,394 746	✗
Bennett College	789 Total population 700 (89%) Undergraduate 89 (11%) Grad	10,704 10,204 500	✗
Bethune Cookman University	3,577 Total population 2,424 (68%) Undergraduate 1,153 (32%) Grad	11,086 10,336 750	✓
Bishop State Community College	3,398 Total population 2,424 (71%) Undergraduate 974 (29%) Grad	10,199 9,699 500	✓
Bluefield State College	3,094 Total population 2,424 (78%) Undergraduate 670 (22%) Grad	10,199 9,699 500	✓

BZVB | Created by Tamas Varga

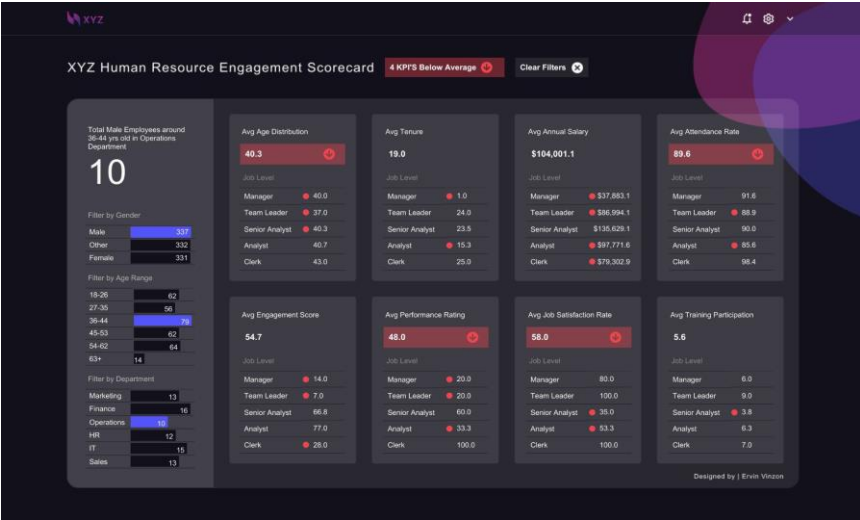
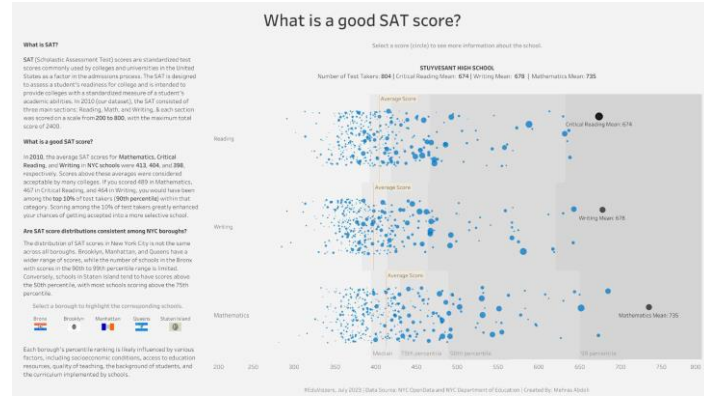
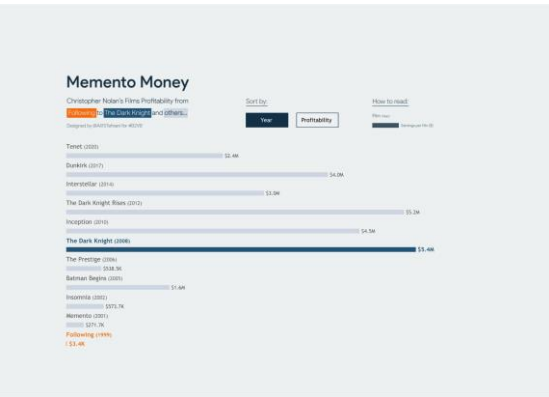
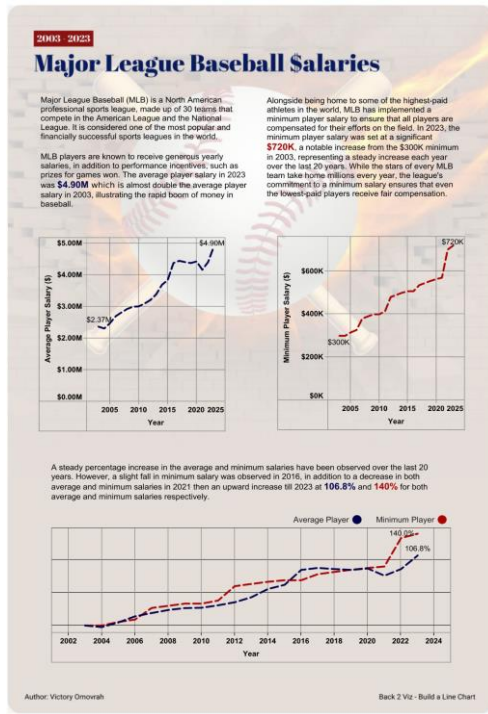


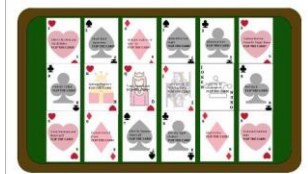
TABLEAU CONFERENCE



City of lights, smiles and memories

Known for its nightlife and entertainment, Vegas is a place that never sleeps. It is an internationally renowned resort city located in the U.S. state of Nevada. In December 2022, despite the initial shadow of the omicron (COVID-19 variant), Las Vegas witnessed **38.8M annual visitors**, **20.5% ahead of 2021** and **8.7% under 2019's tally**. Convention attendance for the year approached **5.0M attendees**, dramatically ahead of pandemic-suppressed volumes of 2021 and recovering to about three quarters of 2019's tally of 6.6M convention attendees. Overall hotel occupancy reached **79.2%** for the year (Data from IATA Research Center).

Fun in Las Vegas



Things to do in Vegas

The numbers are a proof of Vegas being a huge tourists attraction to many with ranging fun activities that people can dive their toes into for a very affordable price. Above you will find 18 such activities that will surely **not bore you** on your visit to Vegas and also **not put a dent in your pocket**. Flip the cards laid out on the table to view an attraction in Las Vegas and its detailed description.

Attractions Price Comparison

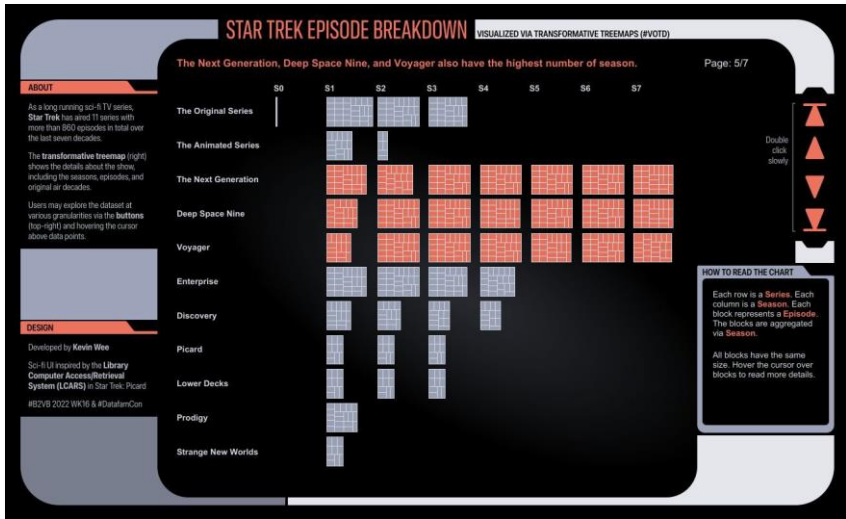
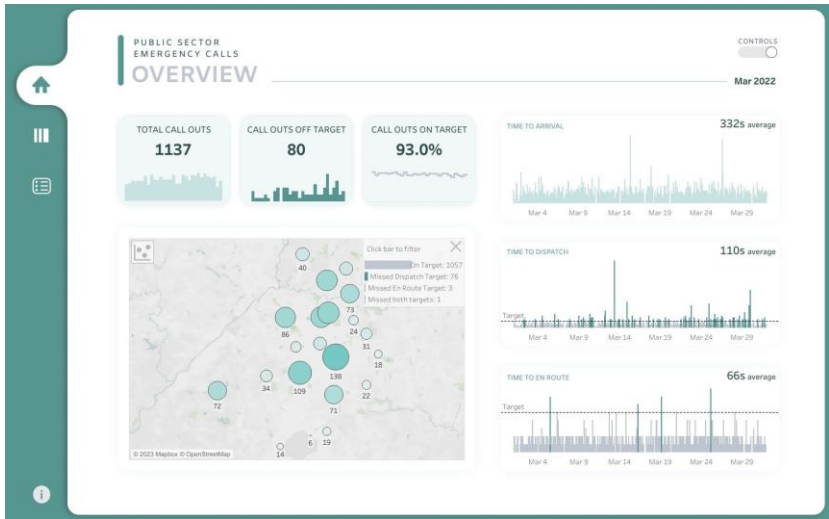
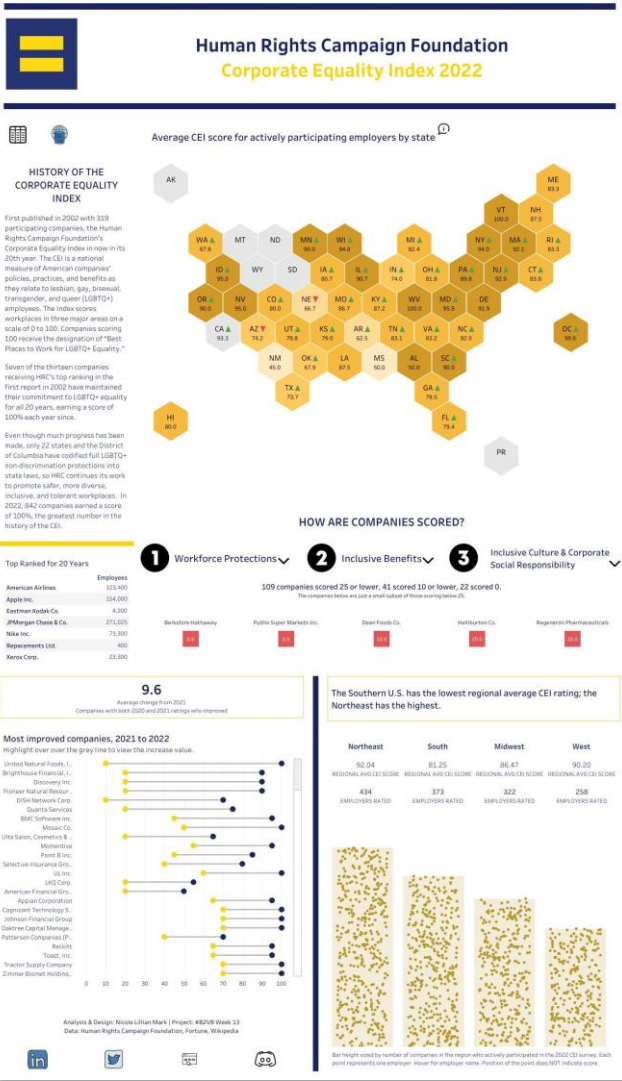
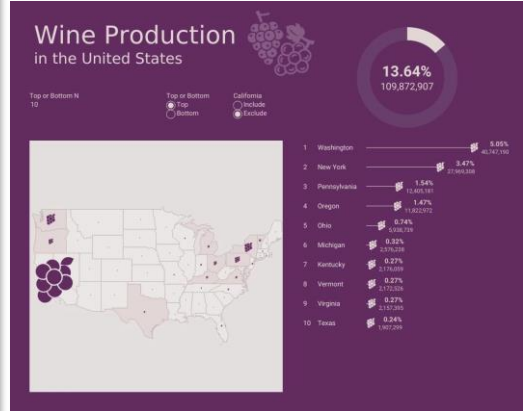
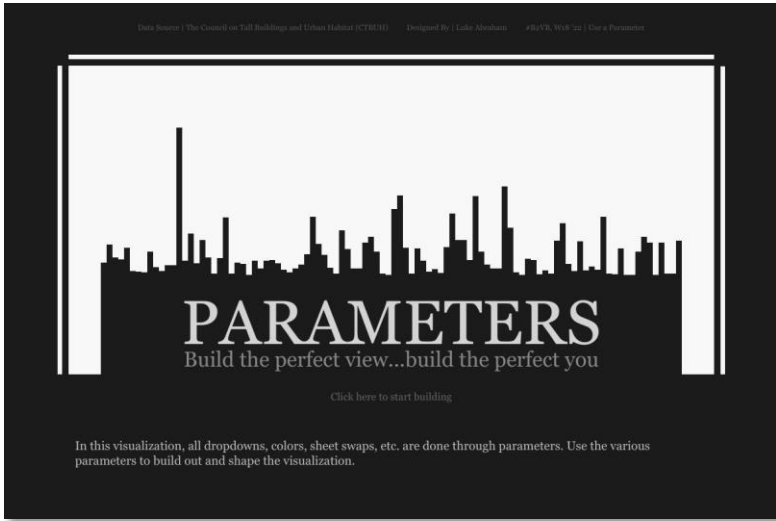
Attraction	Price	Description
1. The Flamingo	\$15	Experience the vibrant atmosphere of the Flamingo, featuring live performances and a variety of entertainment options.
2. The Mirage	\$20	Enjoy the stunning views of the Mirage, including the iconic volcano and the breathtaking fountains.
3. The New York-New York	\$25	Experience the thrill of the New York-New York Hotel & Casino, featuring replicas of the Empire State Building and Times Square.
4. The Venetian	\$30	Enjoy the grandeur of the Venetian, with its replicas of St. Mark's Square and the Grand Canal.
5. The Bellagio	\$35	Experience the elegance of the Bellagio, featuring the world-famous Fountains of Bellagio.
6. The Flamingo	\$40	Enjoy the vibrant atmosphere of the Flamingo, featuring live performances and a variety of entertainment options.
7. The Mirage	\$45	Enjoy the stunning views of the Mirage, including the iconic volcano and the breathtaking fountains.
8. The New York-New York	\$50	Experience the thrill of the New York-New York Hotel & Casino, featuring replicas of the Empire State Building and Times Square.
9. The Venetian	\$55	Enjoy the grandeur of the Venetian, with its replicas of St. Mark's Square and the Grand Canal.
10. The Bellagio	\$60	Experience the elegance of the Bellagio, featuring the world-famous Fountains of Bellagio.

View the locations on Map



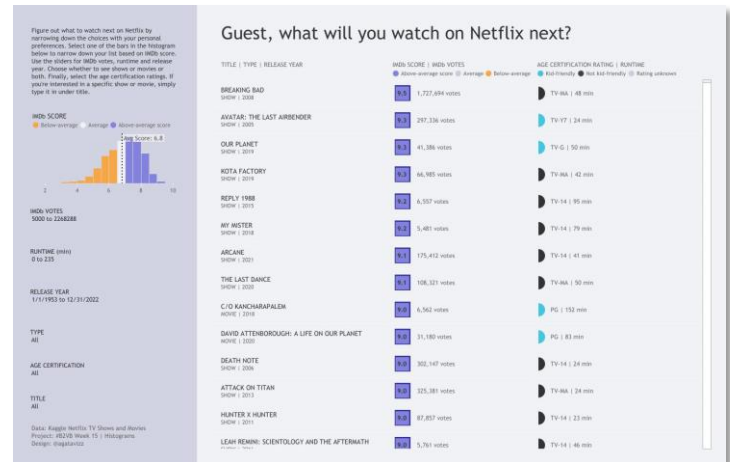
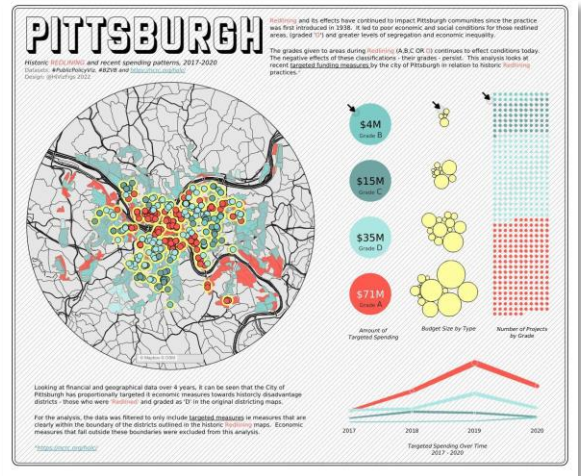
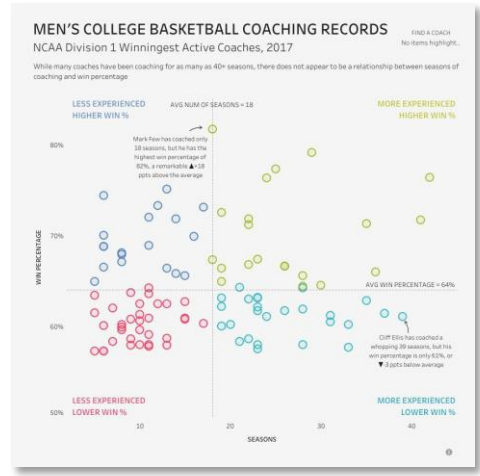
Viz of the Days

22
Viz of the Days

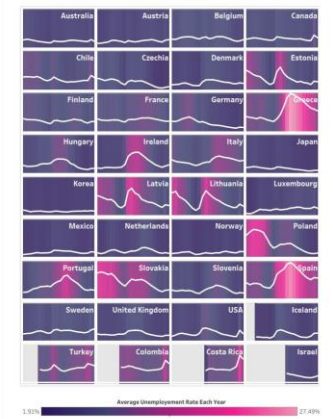


Viz of the Days

22 Viz of the Days



Unemployment Rates in OECD countries (2000-2021)

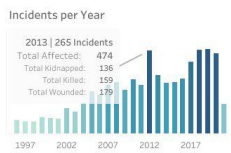


Unemployment Rates Definition: "The unemployed are people of working age who are without work, and have been specifically asked to find it. The definition excludes the definition includes people who are temporarily absent from work or are temporarily unavailable for work because of illness, vacation, or other reasons. The labor force is defined as the total number of unemployed persons plus those in employment. Data are based on labor force surveys (LFS) that use a representative sample of the working-age population. The monthly unemployment figures are adjusted by Eurostat. (2021)

Source: ILO, UN, OECD, Eurostat, World Bank, etc.

Aid Worker Security

The Aid Worker Security Database (AWSD) records major incidents of violence against aid workers, with incident reports from 1997 through the present. Initiated in 2005, to date the AWSD remains the sole comprehensive global source of this data, providing the evidence base for analysis of the changing security environment for civilian aid operations. Click on the diagram elements to filter the view, or focus your view by using the filter elements on the bottom left.



Filter by Country: All

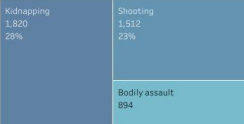
Filter by Means of Attack: All

Filter by Attack Context: All

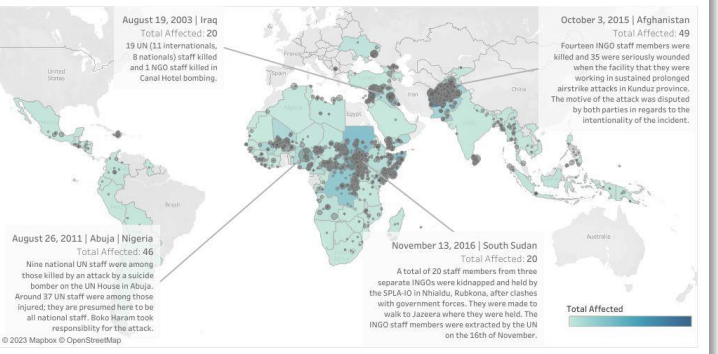
Filter by Year: All values

viz by: Lani_ei_ho
#B2VB Week 17
Published: 08/20/2022
Data Source: <https://aidworkersecurity.org/>

Means of Attack Distribution



10 most affected Countries



AUTISM SPECTRUM DISORDER

Prevalence in US Children

Autism spectrum disorder (ASD) is a developmental disability caused by differences in the brain. Though they often look the same as everyone else, people with ASD may behave, communicate, interact, and learn differently.

For more than two decades, the CDC has tracked ASD prevalence in children. By tracking prevalence, they're better able to observe if the number of children with ASD has, drops, or stays the same. It also enables comparison in different locations and among different groups of people. This information helps understand ASD risk more and helps communities direct outreach efforts to those who need it most.

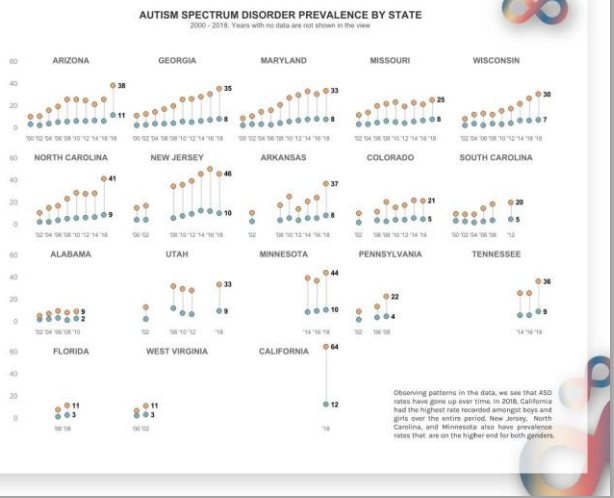
This visual shows ASD prevalence by gender in two-year intervals, from 2000 to 2018. Data for transgender and gender-non-binary children are not reported.

The 18 US states shown represent states that have programs funded by the CDC in the Autism and Developmental Disabilities Monitoring (ADDM) Network.

"Prevalence" is defined as the frequency of Autism per 1,000 children.

*Labels show ASD Prevalence in the most recent year available.

The data shows average ASD Prevalence in boys is approximately 4x that of girls.



Collaborations

Real World Fake Data (#RWFD)



Create business dashboards using provided data sets for various industries and departments.

Data PRIDE TUG (#dataPRIDE)



A virtual group focused on highlighting, elevating, and bringing together the LGBTQ+ community in data & its allies.

Games Night Viz (#GamesNightViz)



A monthly project focusing on using data from your favorite games.

Data Fam Con (#DataFamCon)



A monthly challenge covering pop culture and fandoms.



Accomplishments

The Perfect Club

For completing all 20 challenges in 2023



Masamichi Yamamoto

Raisa Hannus

Ryo Takahashi

Satoshi Ganeko

Honorable Mention

Sam Epley

tomoko

Yasushi Ishikawa

Yoshie Miatamura

Yuko N.

Honorable Mention

Mehras A.





Ready for our **LIVE** Challenge?

30-minute vizzing session

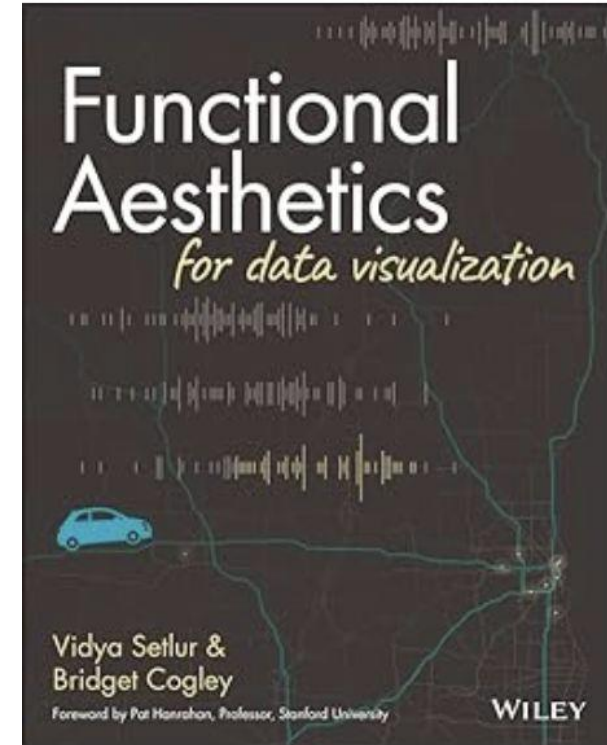


Build to a Template

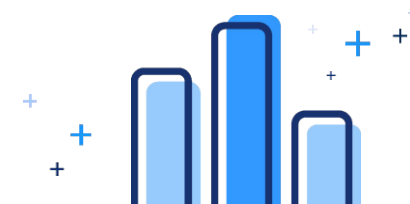


The Challenge – Build to a Template

今回のライブチャレンジでは、テンプレートを使って
サンディエゴのレストランデータを可視化してください！



Thanks to Bridget Cogley &
Vidya Setlur for designing and
letting us use this template
from their book.



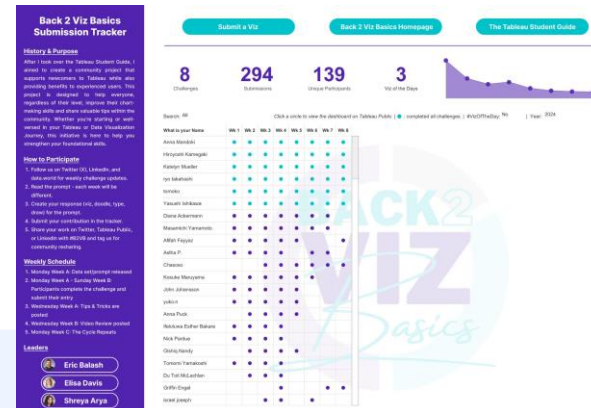
The Challenge – Build to a Template

How to Participate - Regular Way

1. Data.Worldにログイン (アカウントがない場合は作成してください)
2. Data.World でBack 2 Viz Basics (@back2vizbasics) を検索&フォローします
3. 2024 Tableau Conference Challengeを見つける
4. データをダウンロードし、Tableauに接続してVizを作成します!
5. Tableau Publicにダッシュボードを公開し、B2VB Submission TrackerでVizを投稿してください。

How to Participate - Conference Quickstart Way

1. Elisaの Tableau Public Profileを開きます
2. “#B2VB #Data24 Quick Start - Design to a Template” vizをクリックします
3. ワークブックをダウンロードしてViz作成を開始します!
4. 作成したダッシュボードをTableau Publicに公開し、B2VB Submission Trackerに登録しましょう。





Live Review



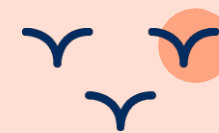
シンプルは複雑より難しいかもしれない

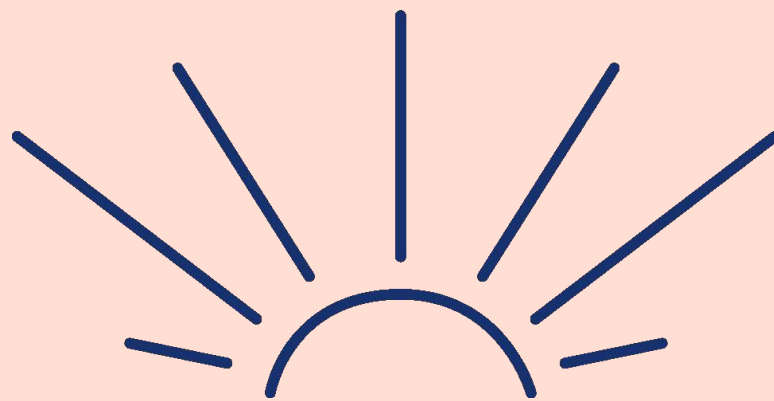
シンプルにするためには、思考をクリーンにするために努力しなければならぬ

しかし、そこに到達すればどんなことでもできるようになるので、
最終的には価値がある

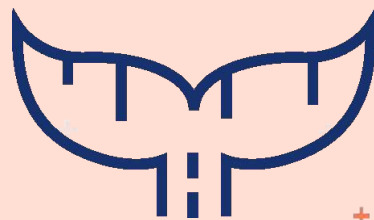
Steve Jobs

Founder & CEO, Apple





Thank you



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