Kick off your Tableau portfolio with Maps

Norbert Borbás
Data Analyst, Telefónica Global Roaming

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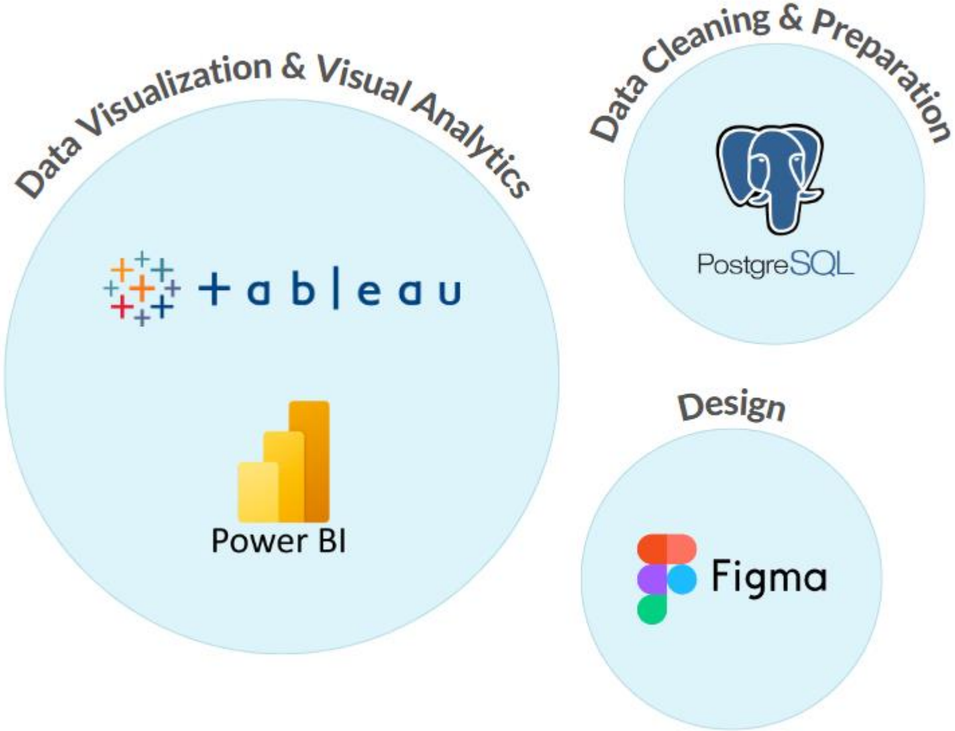
Hello, I'm Norbert

Data Analyst @ Telefónica Global Roaming



What do I do?

- Providing a different perspective
- "Teach them how to fish”

My background

- Originally HR Professional
- Career switch to Data Analytics & Business Intelligence

MOL Group
Hungary
HR Data & Transition Expert
People Analytics Power BI

Paramount
Hungary
Business Intelligence Analyst
TV & Streaming Analytics + a b | e a u

Telefónica
Germany
Data Analyst - Global Roaming
Roaming Analytics + a b | e a u

Why are we here today?

Goals

- Providing inspiration
- Sharing my personal projects
- Giving you an idea how to start (*Spoiler Alert:* with Maps)

What is more in here?

- Not just for beginners
- Aimed for experienced professionals as well
- Encouragement to try something new

Push the boundaries of Tableau to its limit

Mapping

Getting Started with Maps

Mapping in Tableau Made Easy

No Need For Complex Mapping Softwares

Automatic Geographic Role Assignment

Assigned when connecting to a Data Source

Auto-generated Latitude and Longitude

Drag a Geo Field to the View and see the magic happen

Built-in & Predesigned Layers

Options to add and change map elements in an eyeblick

MAKEPOINT & MAKELINE Functions

Create coordinates and custom Geo Fields

Custom Background Image

Draw data points to any background

The Game Changer: Map Layers

Layer data points on top of each other without limits

Inspiration

Finding Inspiration To Start Your Project

But first…

Raise Your Hand If You Own a Wearable Device

Ok! Let's see where we are now…

- **Learned about Tableau Mapping Features**
- **Generated data** (via your wearable device)

… Let's find some inspiration!

125K Steps in Wanderland

#VOTD

Inspiration

- Wearable Device
- Active Holiday
- Refrigerator magnets

Structure

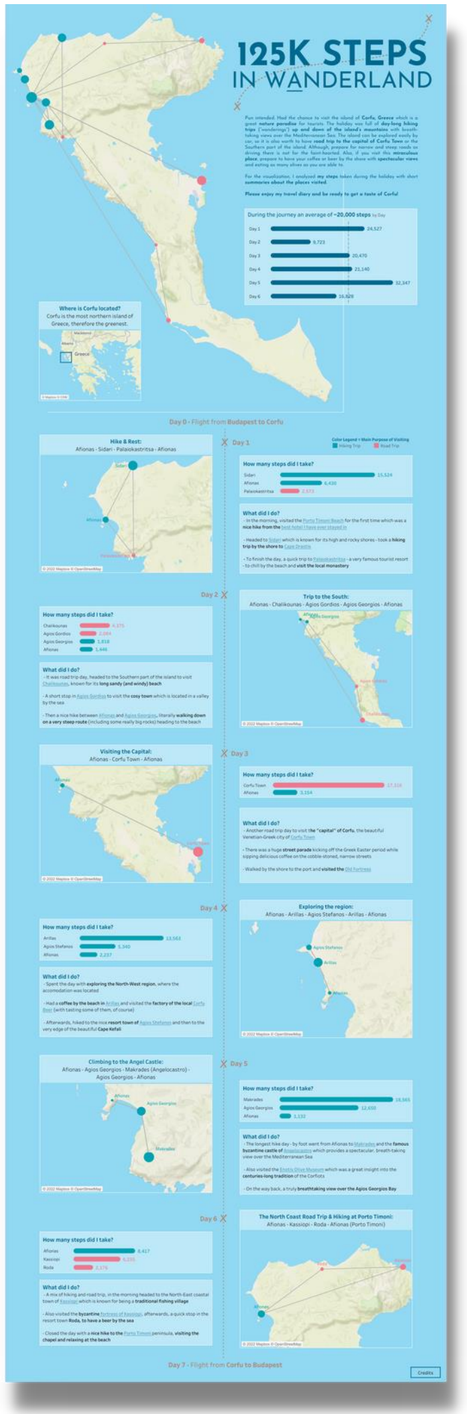
- Another long form visualization
- Full map and regional close-ups to show my overall activity
- Supported with rounded bar charts
- Specific data structure to draw lines

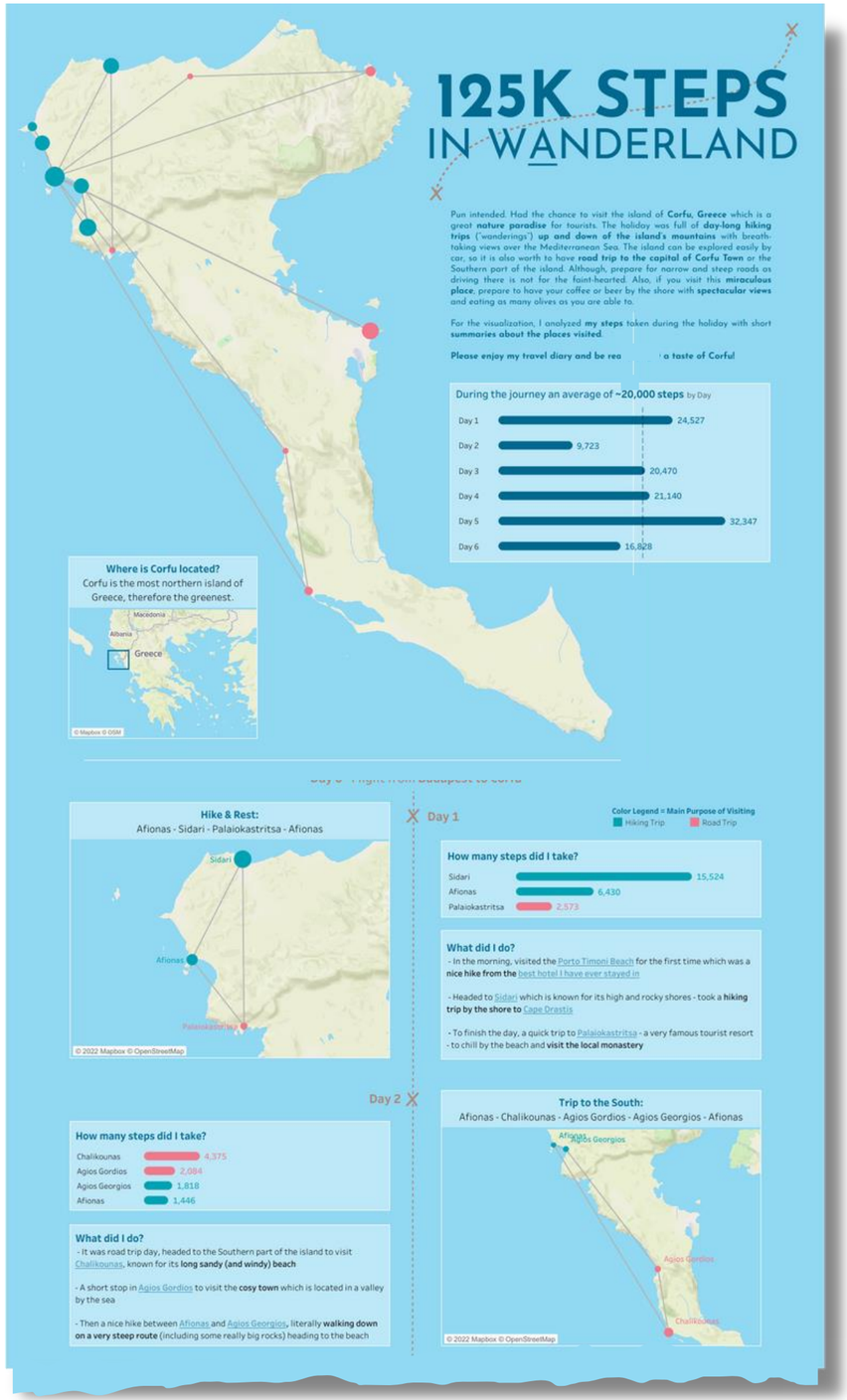
Map Features Applied

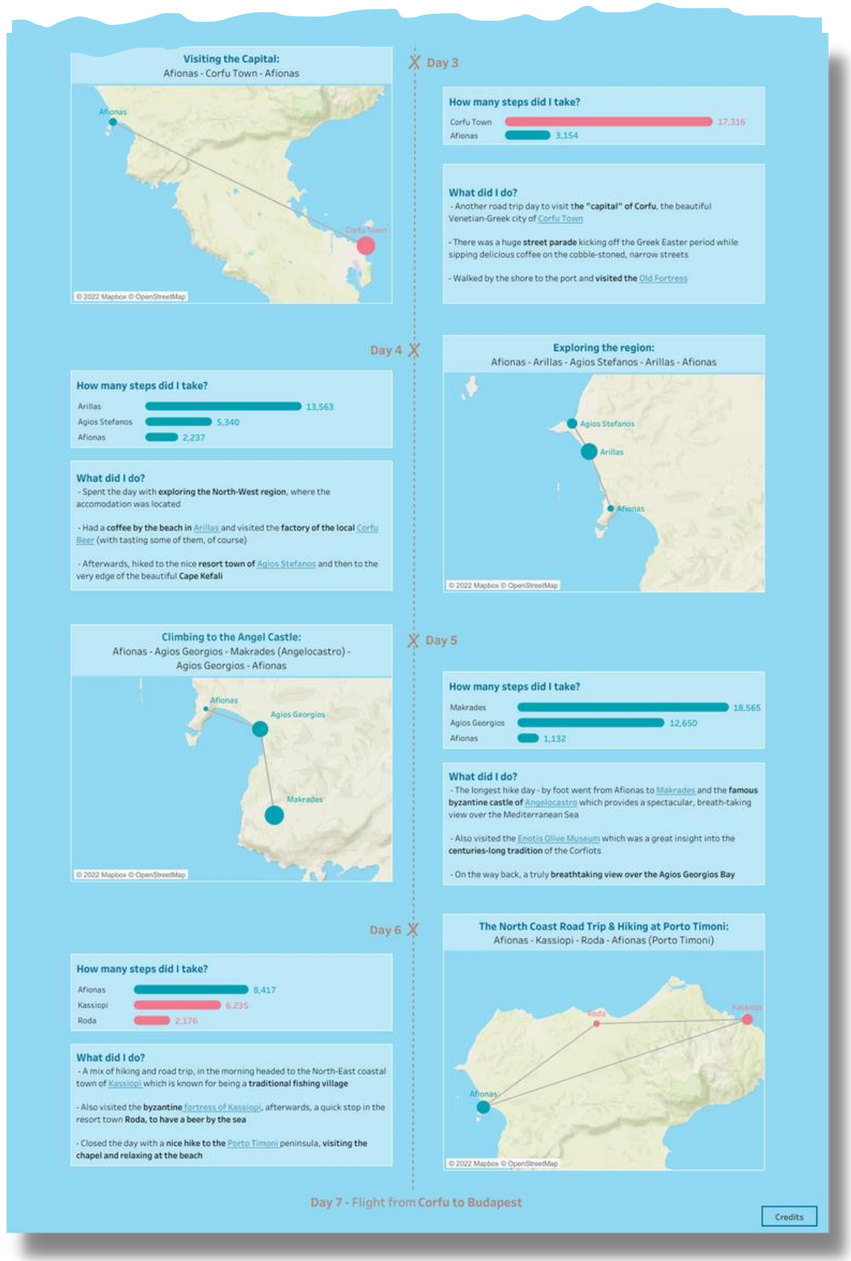
Built-in & Predesigned Layers

MAKEPOINT Function

The Game Changer: Map Layers




125K STEPS
IN WANDERLAND
Pun intended. Had the chance to visit the island of Corfu, Greece which is a great nature paradise for tourists. The holiday was full of day-long hiking trips ("wanderings") up and down of the island's mountains with breath-taking views over the Mediterranean Sea. The island can be explored easily by car, so it is also worth to have road trip to the capital of Corfu Town or the Southern part of the island. Although, prepare for narrow and steep roads as driving there is not for the faint-hearted. Also, if you visit this miraculous place, prepare to have your coffee or beer by the shore with spectacular views and eating as many olives as you are able to.
For the visualization, I analyzed my steps taken during the holiday with short summaries about the places visited.
Please enjoy my travel diary and be rea
a taste of Corfu!
During the journey an average of ~20,000 steps by Day
Day 1 24,527
Day 2 9,723
Day 3 20,470
Day 4 21,140
Day 5 32,347
Day 6 16,828
Where is Corfu located?
Corfu is the most northern island of Greece, therefore the greenest.
Macedonia
Albania
Greece
© Mapbox © OSM
Day 1
Color Legend = Main Purpose of Visiting
Hiking Trip
Road Trip
Hike & Rest:
Afionas - Sidari - Palaiokastritsa - Afionas
Sidari
Afionas
Palaiokastritsa
© 2022 Mapbox © OpenStreetMap
How many steps did I take?
Sidari 15,524
Afionas 6,430
Palaiokastritsa 2,573
What did I do?
- In the morning, visited the Porto Timoni Beach for the first time which was a nice hike from the best hotel I have ever stayed in
- Headed to Sidari which is known for its high and rocky shores - took a hiking trip by the shore to Cape Drastis
- To finish the day, a quick trip to Palaiokastritsa - a very famous tourist resort - to chill by the beach and visit the local monastery
Day 2
Trip to the South:
Afionas - Chalikounas - Agios Gordios - Agios Georgios - Afionas
Afionas
Agios Georgios
Agios Gordios
Chalikounas
© 2022 Mapbox © OpenStreetMap
How many steps did I take?
Chalikounas 4,375
Agios Gordios 2,084
Agios Georgios 1,818
Afionas 1,446
What did I do?
- It was road trip day, headed to the Southern part of the island to visit Chalikounas, known for its long sandy (and windy) beach
- A short stop in Agios Gordios to visit the cosy town which is located in a valley by the sea
- Then a nice hike between Afionas and Agios Georgios, literally walking down on a very steep route (including some really big rocks) heading to the beach


Visiting the Capital:
Afionas - Corfu Town - Afionas
Afionas
Corfu Town
© 2022 Mapbox © OpenStreetMap
Day 3
How many steps did I take?
Corfu Town 17,316
Afionas 3,154
What did I do?
- Another road trip day to visit the "capital" of Corfu, the beautiful Venetian-Greek city of Corfu Town
- There was a huge street parade kicking off the Greek Easter period while sipping delicious coffee on the cobble-stoned, narrow streets
- Walked by the shore to the port and visited the Old Fortress
Day 4
Exploring the region:
Afionas - Arillas - Agios Stefanos - Arillas - Afionas
Agios Stefanos
Arillas
Afionas
© 2022 Mapbox © OpenStreetMap
How many steps did I take?
Arillas 13,563
Agios Stefanos 5,340
Afionas 2,237
What did I do?
- Spent the day with exploring the North-West region, where the accomodation was located
- Had a coffee by the beach in Arillas and visited the factory of the local Corfu Beer (with tasting some of them, of course)
- Afterwards, hiked to the nice resort town of Agios Stefanos and then to the very edge of the beautiful Cape Kefali
Day 5
Climbing to the Angel Castle:
Afionas - Agios Georgios - Makrades (Angelocastro) - Agios Georgios - Afionas
Afionas
Agios Georgios
Makrades
© 2022 Mapbox © OpenStreetMap
How many steps did I take?
Makrades 18,565
Agios Georgios 12,650
Afionas 1,132
What did I do?
- The longest hike day - by foot went from Afionas to Makrades and the famous byzantine castle of Angelocastro which provides a spectacular, breath-taking view over the Mediterranean Sea
- Also visited the Enotis Olive Museum which was a great insight into the centuries-long tradition of the Corfiots
- On the way back, a truly breathtaking view over the Agios Georgios Bay
Day 6
The North Coast Road Trip & Hiking at Porto Timoni:
Afionas - Kassiopi - Roda - Afionas (Porto Timoni)
Roda
Kassiopi
Afionas
© 2022 Mapbox © OpenStreetMap
How many steps did I take?
Afionas 8,417
Kassiopi 6,235
Roda 2,176
What did I do?
- A mix of hiking and road trip, in the morning headed to the North-East coastal town of Kassiopi which is known for being a traditional fishing village
- Also visited the byzantine fortress of Kassiopi, afterwards, a quick stop in the resort town Roda, to have a beer by the sea
- Closed the day with a nice hike to the Porto Timoni peninsula, visiting the chapel and relaxing at the beach
Day 7 - Flight from Corfu to Budapest
Credits

125K Steps in Wanderland

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Map Features Applied

Built-in & Predesigned Layers

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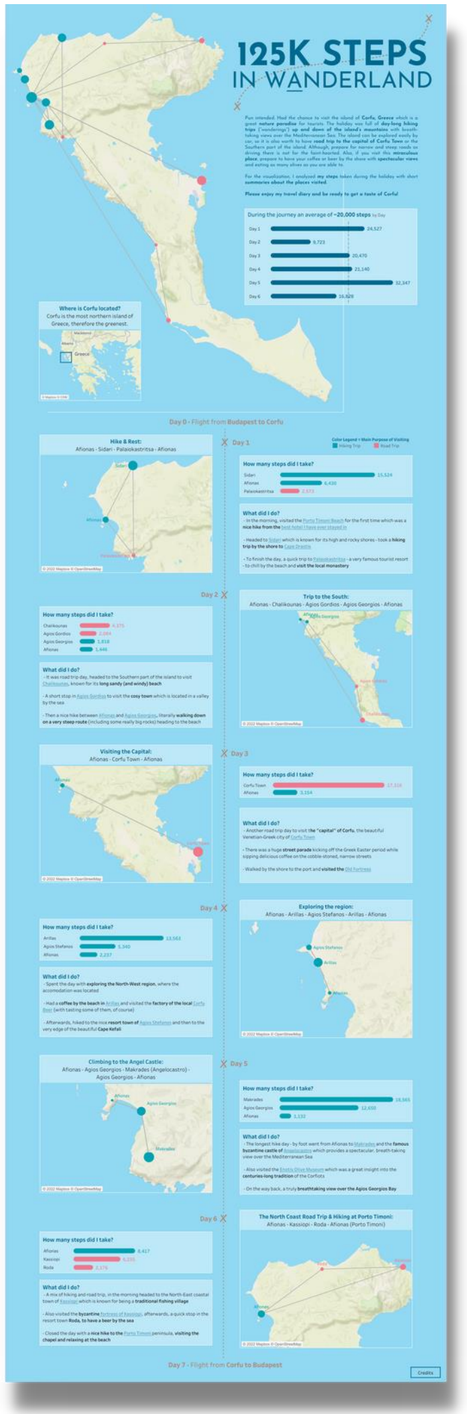
The Game Changer: Map Layers



An Unusual Walk in Paris

#VOTD

Inspiration

- Visiting friends
- Sightseeing in Paris
- The movie: "Da Vinci Code"

Structure

- Long form visualization
- Multiple layered sheets
  - Close-up on the city center of Paris
  - "Holes" to reveal the medallions
  - "Stars" to mark sights

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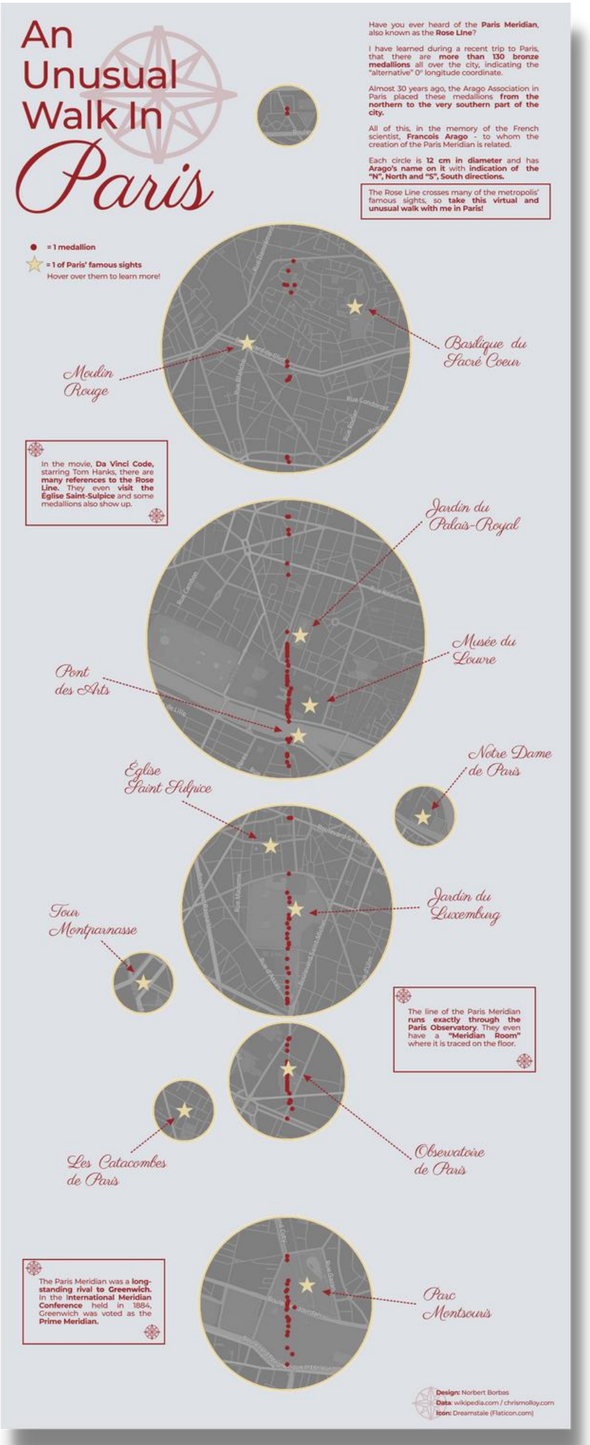
Background Image



An Unusual Walk In *Paris*

Have you ever heard of the **Paris Meridian**, also known as the **Rose LIne**?

I have learned during a recent trip to Paris, that there are **more than 130 bronze medallions** all over the city, indicating the "alternative" 0° longitude coordinate.

Almost 30 years ago, the Arago Association in Paris placed these medallions **from the northern to the very southern part of the city.**

All of this, in the memory of the French scientist, **Francois Arago** - to whom the creation of the Paris Meridian is related.

Each circle is **12 cm in diameter** and has **Arago's name on it** with **indication of the "N", North and "S", South directions.**

The Rose Line crosses many of the metropolis' famous sights, so **take this virtual and unusual walk with me in Paris!**

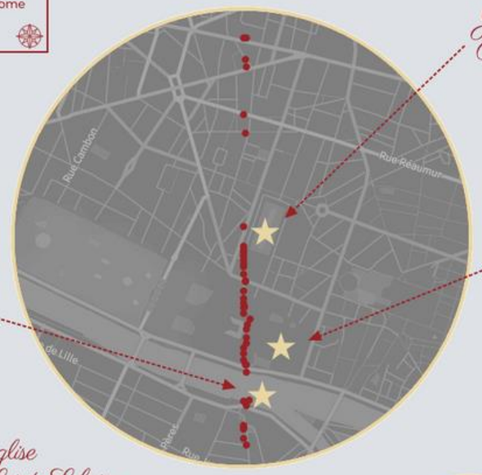
● = 1 medallion

★ = 1 of Paris' famous sights
Hover over them to learn more!

Moulin Rouge

Basilique du Sacré Coeur

In the movie, **Da Vinci Code,** starring Tom Hanks, there are **many references to the Rose Line.** They even **visit the Église Saint-Sulpice** and some medallions also show up.



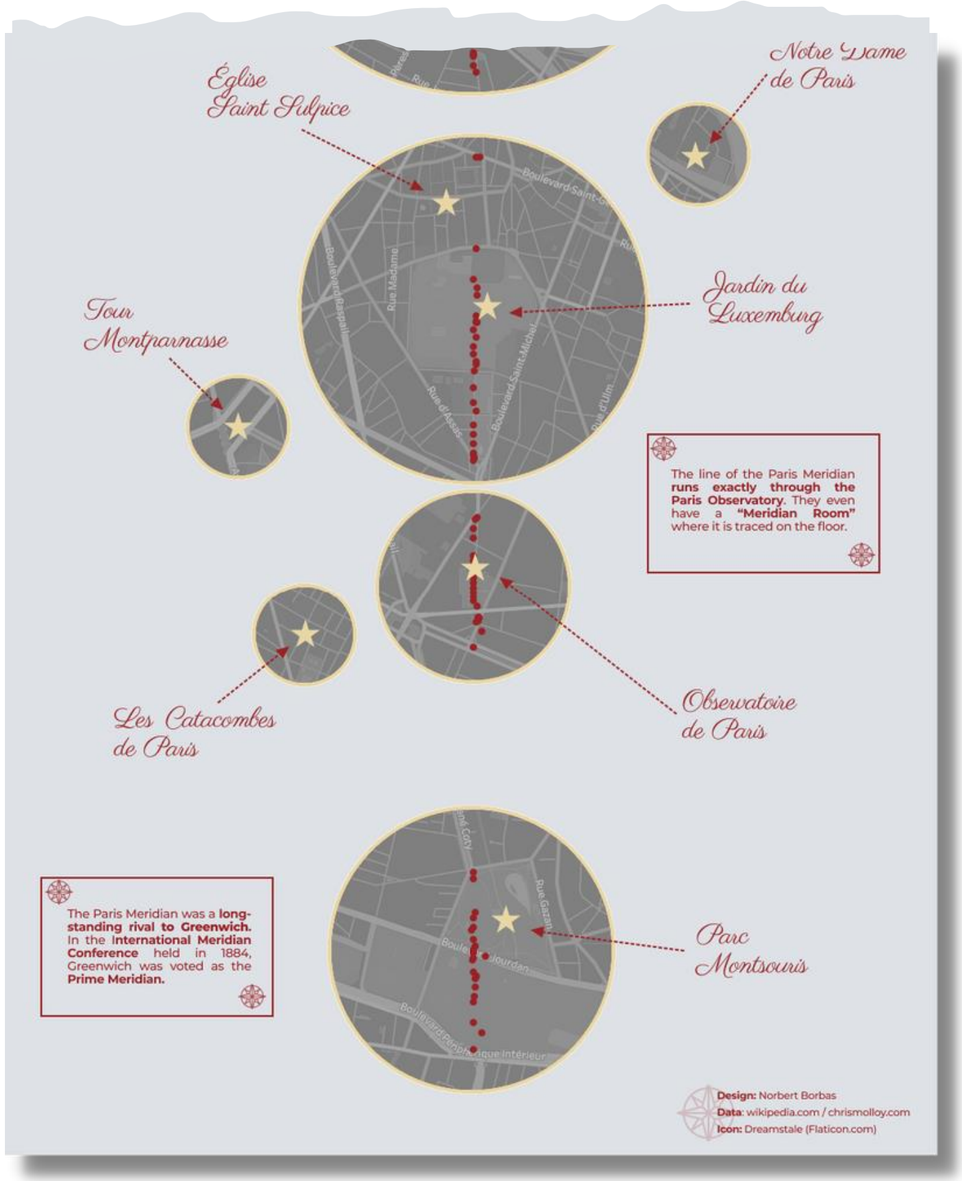
Jardin du Palais-Royal

Musée du Louvre

Pont des Arts

Église Saint-Sulpice

Notre Dame de Paris



Église Saint Sulpice

Notre Dame de Paris

Tour Montparnasse

Jardin du Luxemburg

The line of the Paris Meridian **runs exactly through the Paris Observatory.** They even have a **"Meridian Room"** where it is traced on the floor.

Les Catacombes de Paris

Observatoire de Paris

The Paris Meridian was a **long-standing rival to Greenwich.** In the **International Meridian Conference** held in 1884, Greenwich was voted as the **Prime Meridian.**

Parc Montsouris

Design: Norbert Borbas
Data: wikipedia.com / chrismolloy.com
Icon: Dreamstale (Flaticon.com)

An Unusual Walk in Paris

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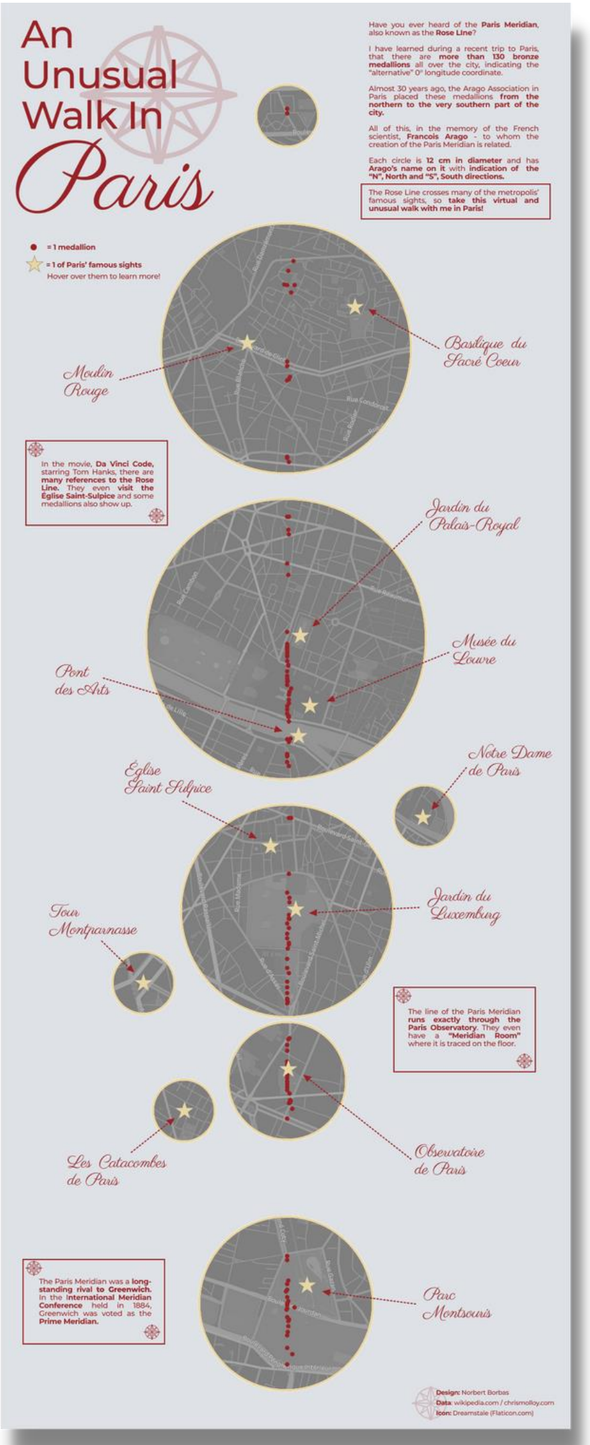
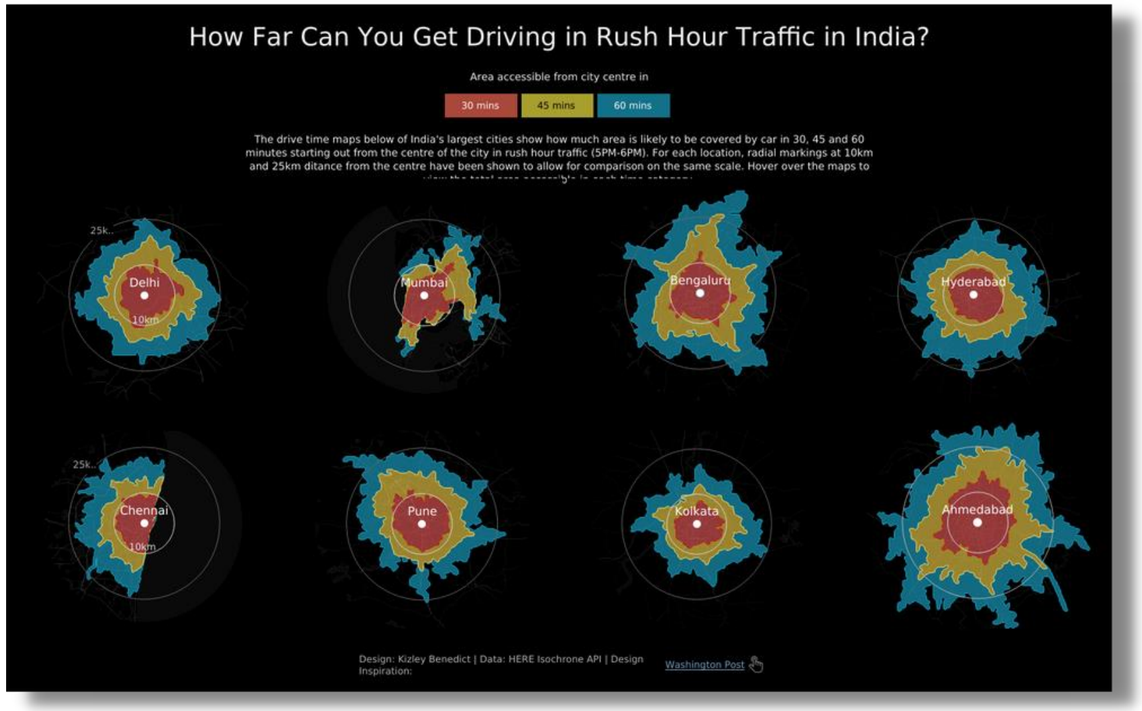


Community Creations

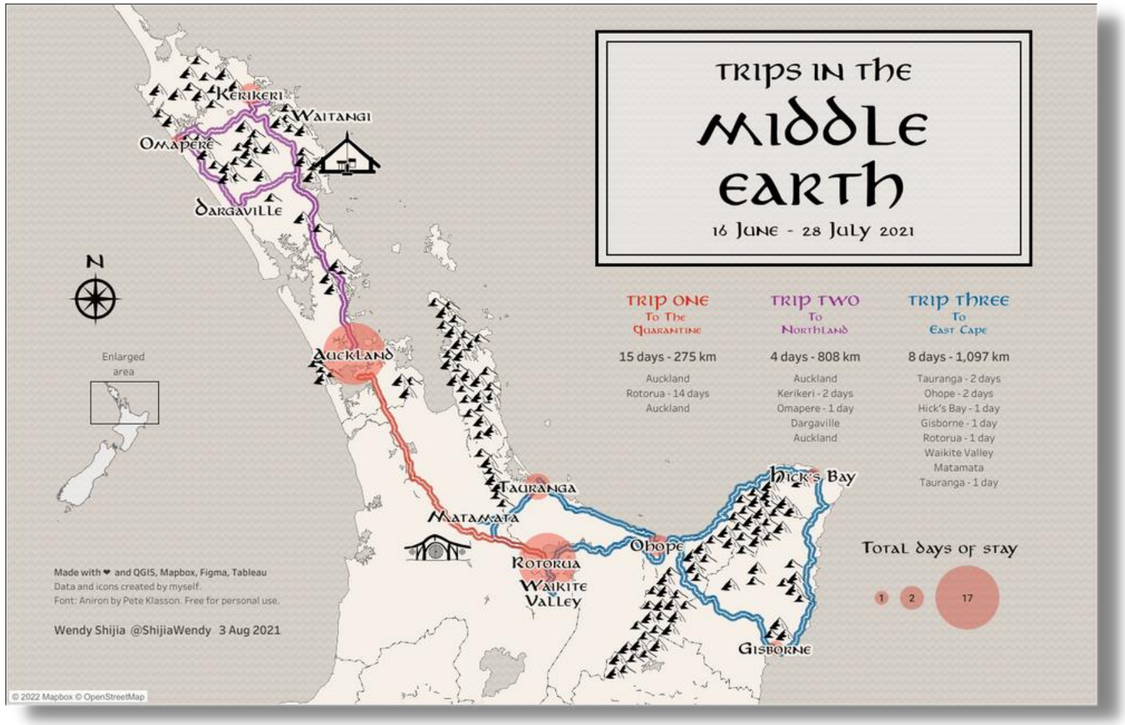
How to find them?

- Discover on Tableau Public
- Use community challenges hashtags such as **#30DaysMapChallenge** or **#MakeoverMonday**



Drive Times in Indian Cities

By Kizley Benedict



Trips in the Middle Earth

By Wendy Shijia

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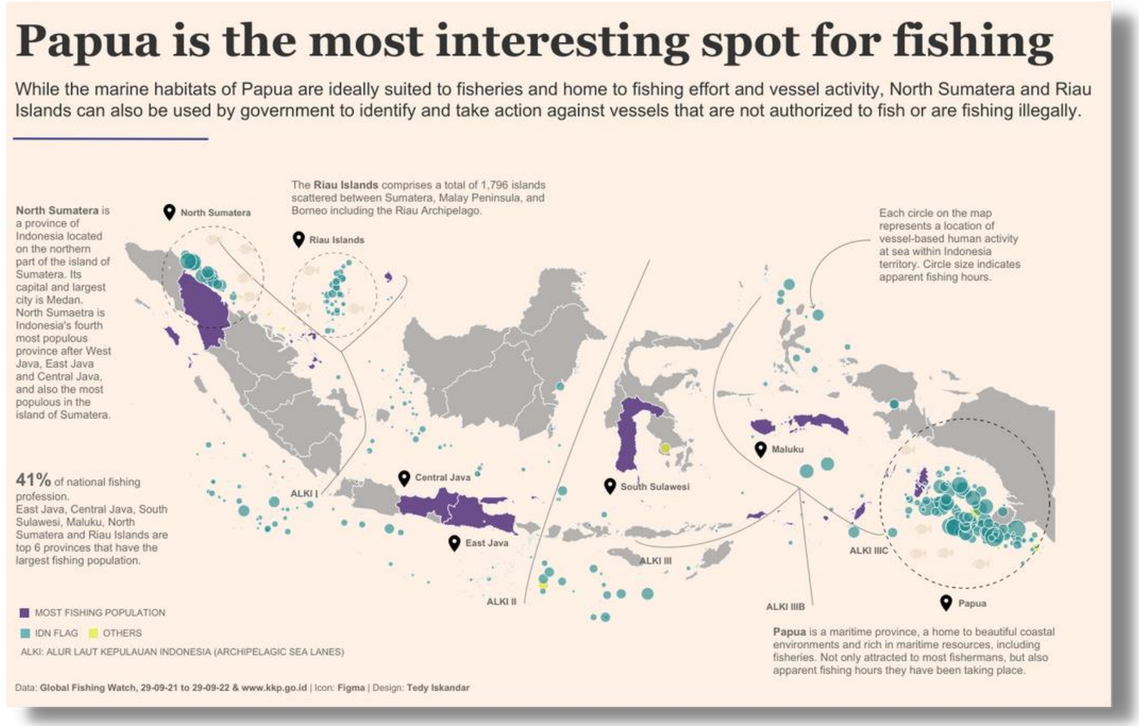

Fishing spot in Indonesia

By Tedy Iskandar

Greetings from Bali

By Julia Borsi & Istvan Korompai

Why should you start today?

- Joy of creating
- Engaging with a devoted professional community
- Learning an awesome software
- Communicating better with data
- Progressing in your BI learning curve
- Landing a job in data visualization

Thank You!

Find me on:

LinkedIn

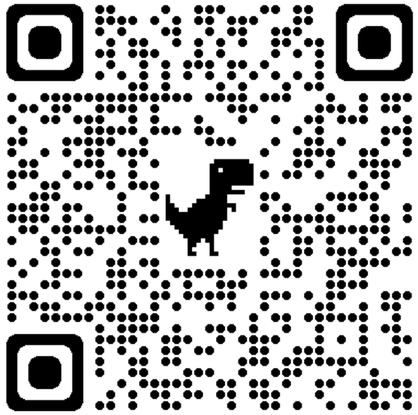
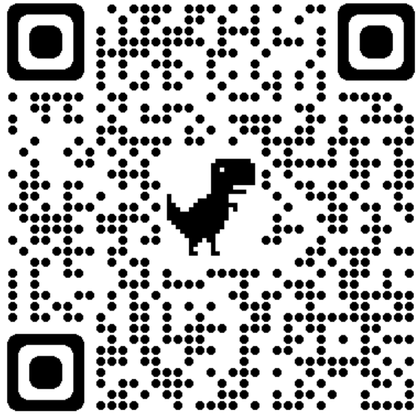
Tableau Public