



**ESCUELA COLOMBIANA DE INGENIERIA
JULIO GARAVITO**

**IT SECURITY AND PRIVACY
GRUPO 1L**

**OSINT PRACTICE
LABORATORY 1**

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27/01/2025**

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Twitter post Exercise

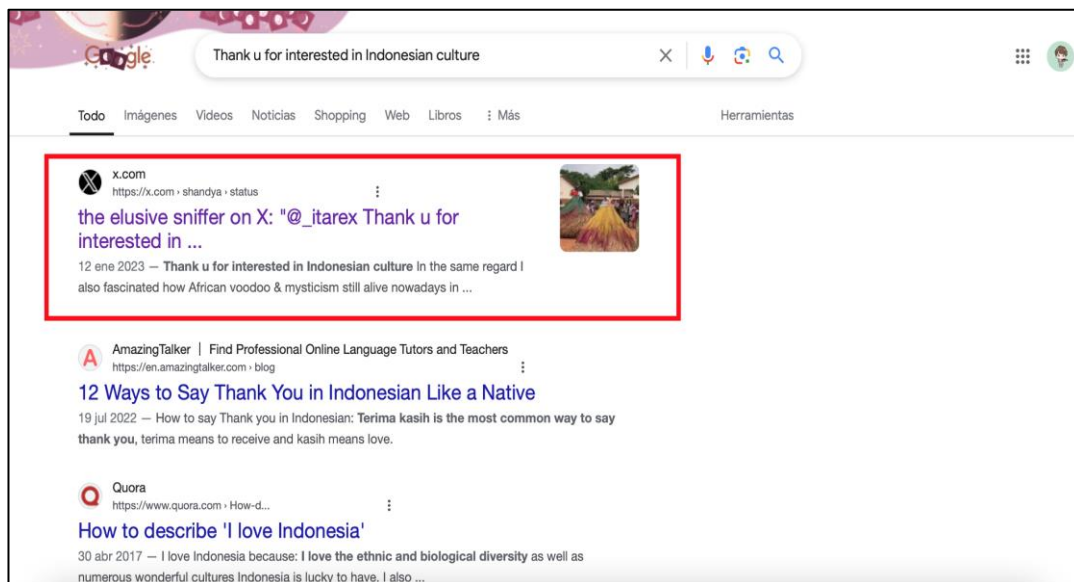
Objective

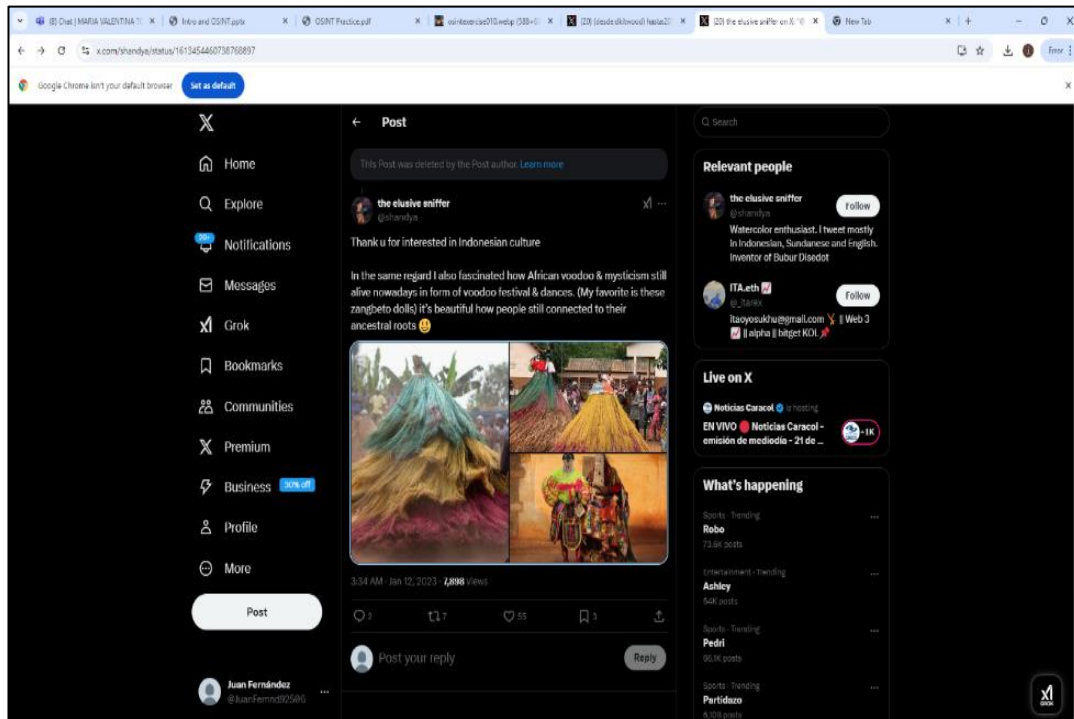
The objective of this exercise is to identify the event celebrated in the photographs of the post, determine which two photos were taken by the same person, and identify the city this person was in before arriving at the event's location.

Metodology

1. Simple query using Google.

The first thing we did was locate the post on Twitter. We performed a simple Google search using fragments of the text from the post, “Thank u for interested in Indonesian culture,” and accessed the first result obtained from the query.

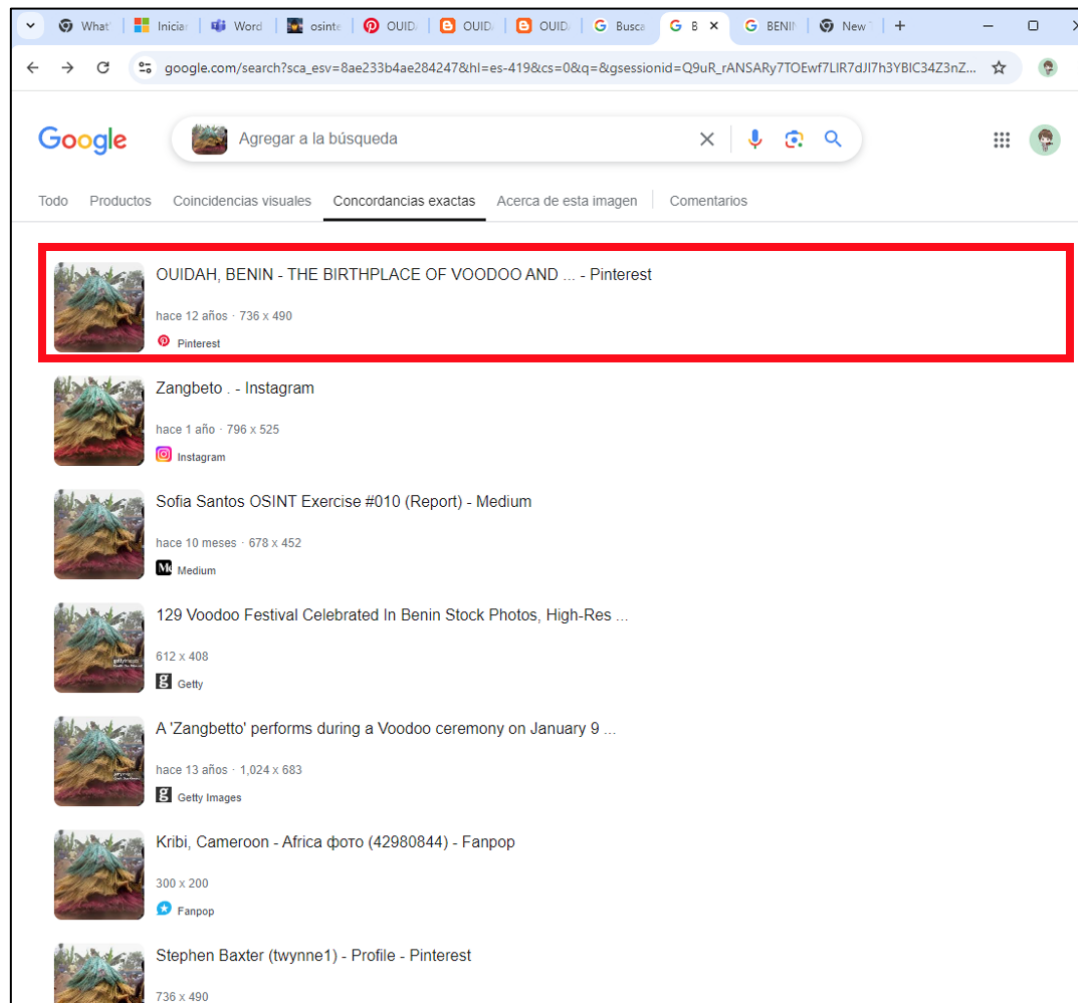




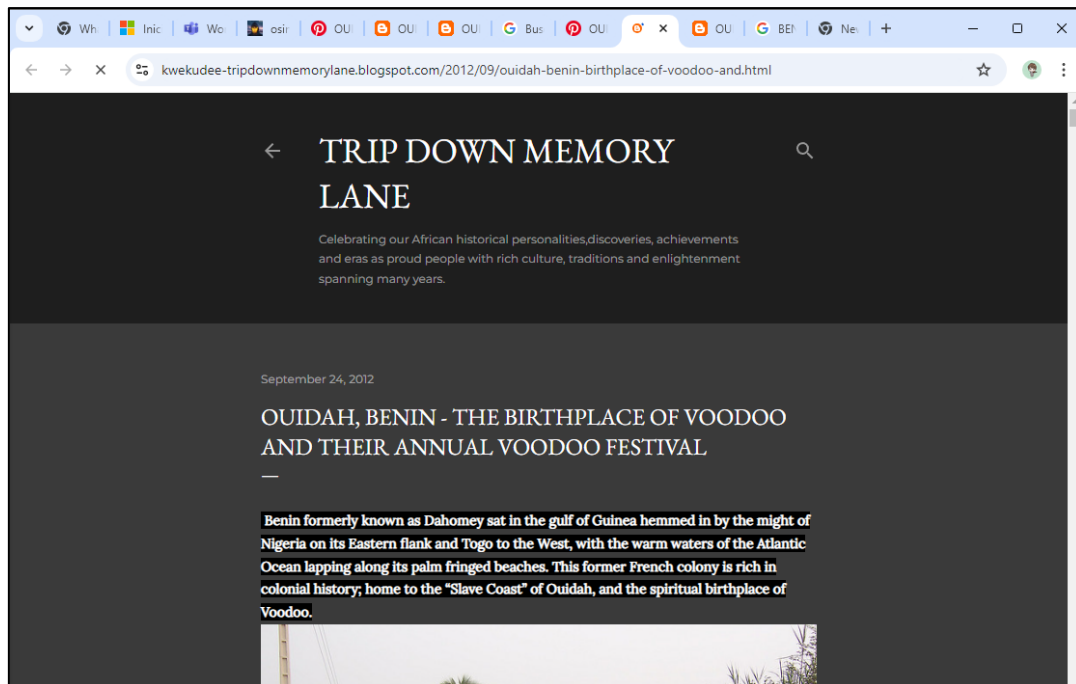
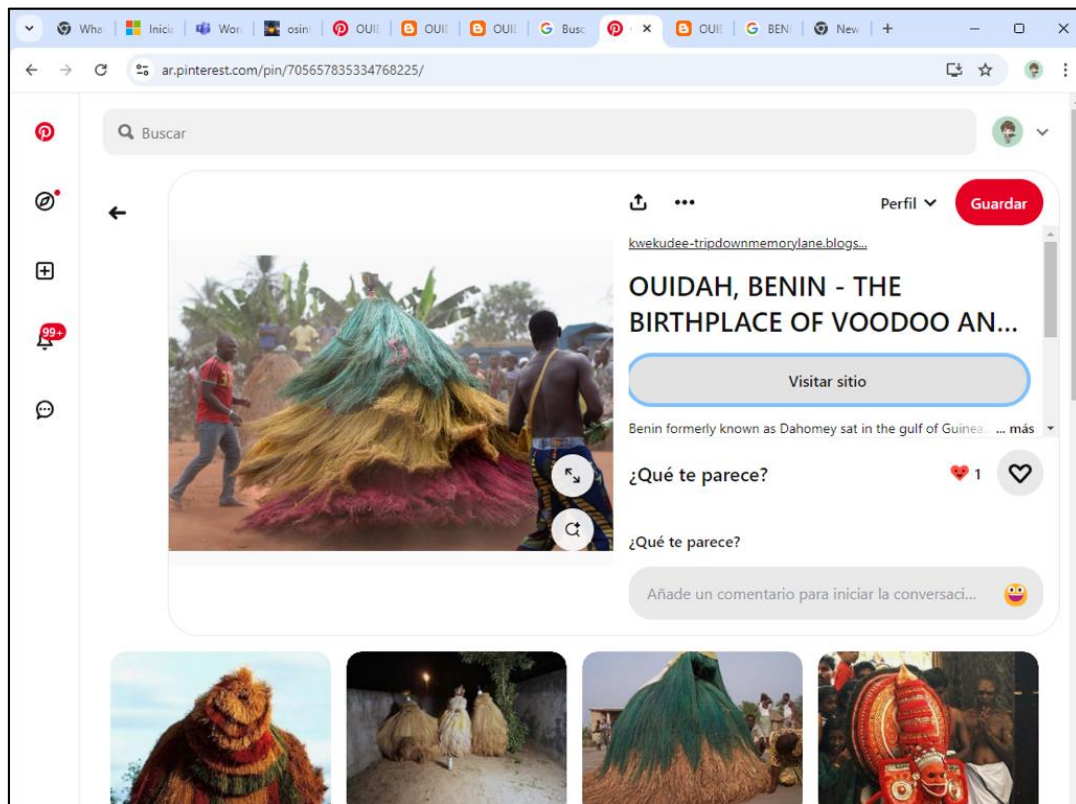
2. Identification of the festival name using Google Lens.

The original author of the post deleted it, so we had to upload one of the photos from the post to Google Lens and use the exact match option.



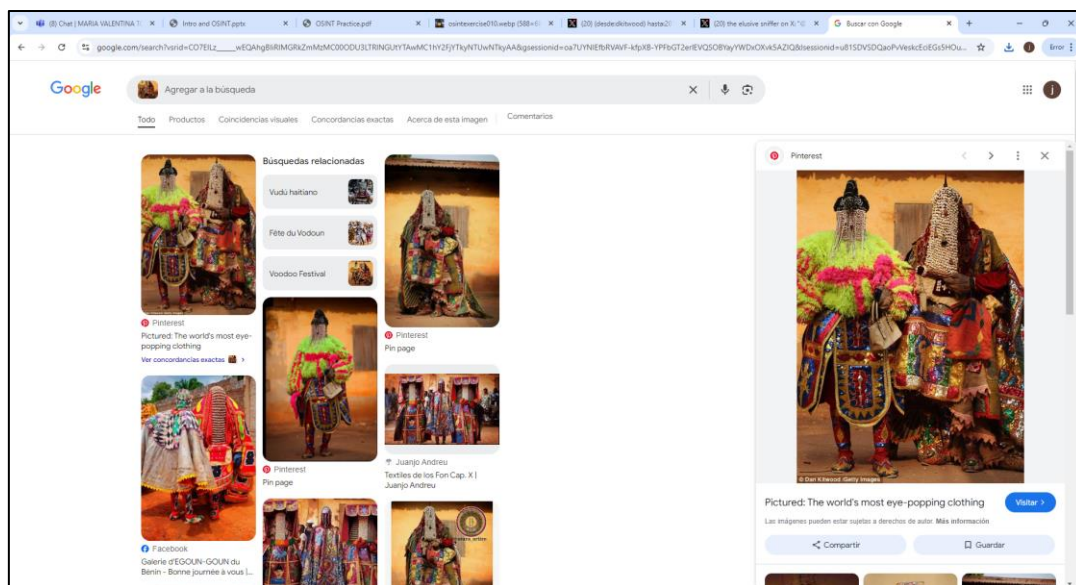


With the matches, we accessed Pinterest. In that post, we found a link that directed us to a website containing information about the festival featured in the images from the Twitter post. Upon visiting the site, we discovered that the name of the festival being celebrated is the ***Voodoo Festival*** in Ouidah, Benin.



3. Determine which photos were taken by the same person.

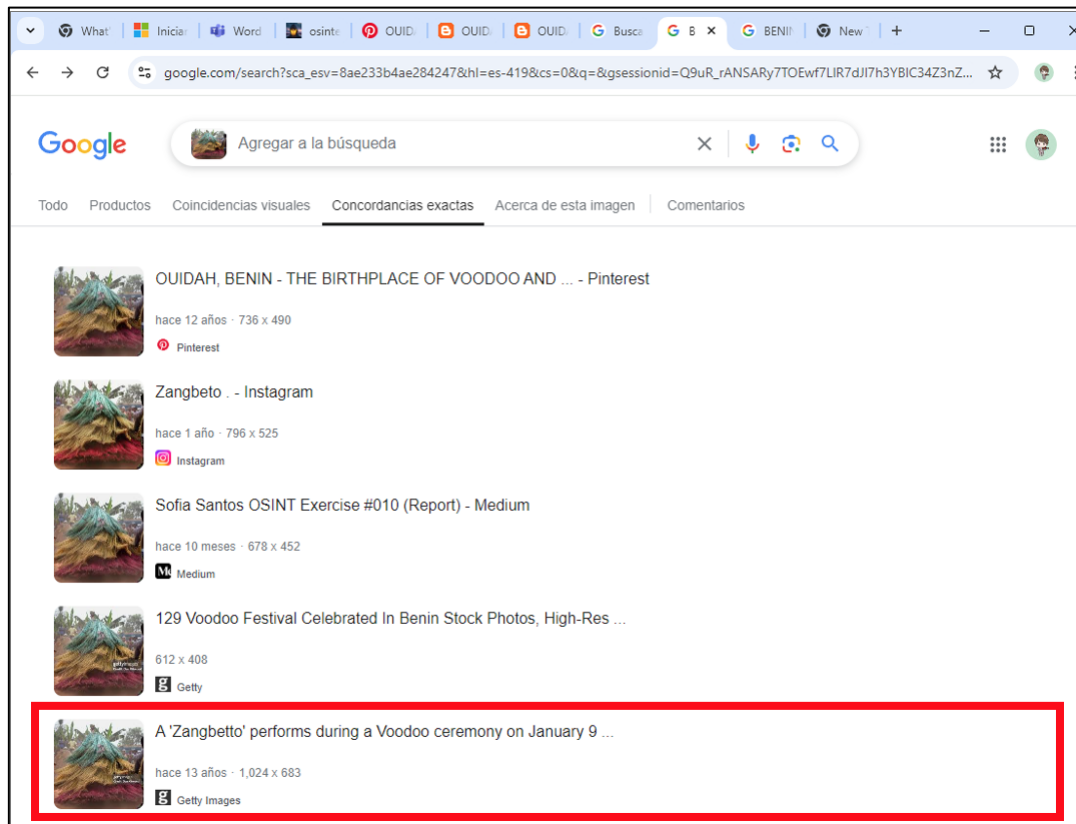
By using Google Lens again, we uploaded another image from the post to search for any page that might link the person who took the photo.



By zooming in on this image, we found the credits given to the author in the caption, and with this, we deduced that ***Dan Kitwood*** might be the photographer of two of the photos in the post.



We will need to identify if one of the other two photos belongs to ***Dan Kitwood***. By carefully analyzing the results of the first search we conducted with Google Lens, we found a result where the link leads to ***Getty Images***.



The first thing we found when clicking on that link was the image, which again credits the same photographer.

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Benin's Mysterious Voodoo Religion Is Celebrated In Its Annual Festival

OUIDAH, BENIN - JANUARY 09: A 'Zangbetto' performs during a Voodoo ceremony on January 9, 2012 in Ouidah, Benin. The Zangbetto are the 'Fons' representation of a dead Spirit that is meant to visit earth to possess the living. Ouidah is Benin's Voodoo heartland, and thought to be the spiritual birthplace of Voodoo or Vodun as it known in Benin. Shrouded in mystery and often misunderstood, Voodoo was acknowledged as an official religion in Benin in 1989, and is increasing in popularity with around 17 percent of the population following it. A week of activity centred around the worship of Voodoo culminates on the 10th of January when people from across Benin as well as Togo and Nigeria descend on the town for the annual Voodoo festival. (Photo by Dan Kitwood/Getty Images)

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gettyimages Credit: Dan Kitwood

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Now, by searching on the same page, we found that the dates when the photos were taken are consecutive, so we can conclude that they are by the same author and all taken in the same location.

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Benin's Mysterious Voodoo Religion Is Celebrated In Its Annual Festival

OUIDAH, BENIN - JANUARY 10: Nigerian 'Voodoo Spirits' walk the streets on January 10, 2012 in Ouidah, Benin. Each spirit represents the reincarnation of a dead member of the Nigerian 'Yoruba' clan. Ouidah is Benin's Voodoo heartland, and thought to be the spiritual birthplace of Voodoo or Vodun as it known in Benin. Shrouded in mystery and often misunderstood, Voodoo was acknowledged as an official religion in Benin in 1989, and is increasing in popularity with around 17 percent of the population following it. A week of activity centred around the worship of Voodoo culminates on the 10th of January when people from across Benin as well as Togo and Nigeria descend on the town for the annual Voodoo festival. (Photo by Dan Kitwood/Getty Images)

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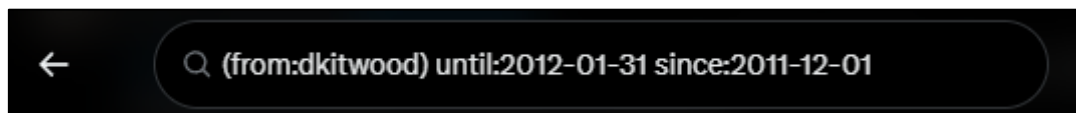
gettyimages Credit: Dan Kitwood

146328923

4. Verification of Dan Kitwood's social media profiles.

With the dates the photos were taken, we researched his Instagram profile *@dan_kitwood*, but found nothing, as his first post was made in 2013, which was after the photos were taken. Therefore, it was impossible to determine the city he was in beforehand.

So, we decided to search on Twitter, as it was a much more widely used social network at the time. We found tweets from Dan and, using the advanced search function, we conducted the following search: “(from:dkitwood) until:2012-01-31 since:2011-12-01.” In this search, we were looking for tweets made by the dkitwood account between December 1, 2011, and January 31, 2012.



There, we found a tweet where he mentioned eating at a restaurant in Brighton. However, the date was far removed from the dates found in the photos from the post.

5. Detailed search on the *Getty Images* profile.


By investigating Dan Kitwood's portfolio of images on the Getty Images website, we used the advanced search, filtering by the dates of interest (01/01/2012 – 12/01/2012), and we were able to find the following:



There, it was simply a matter of reviewing each description, where we could find the date each photograph was taken and the location of each one. We concluded that the city he was in beforehand was *Cotonou, Benin*.

Daily Life In Cotonou

COTONOU, BENIN - JANUARY 06: Traffic builds up at rush hour on January 6, 2012 in Cotonou, Benin. Much of Cotonou's hectic traffic comprises of motorcycles and scooters. The primary fuel known as 'Kpato', imported from Nigeria, has a hold over almost 90 percent of the fuel market in Benin where removal of subsidy on fuel by the Nigerian Government has been reflected in higher prices. (Photo by Dan Kitwood/Getty Images)



gettyimages
Credit: Dan Kitwood

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<input type="radio"/> Large	COL\$ 1.681.600,00

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DETAILS

Restrictions:	Contact your local office for all commercial or promotional uses.
Credit:	Dan Kitwood / Staff
Editorial #:	136549109
Collection:	Getty Images News
Date created:	06 January, 2012
Upload date:	08 January, 2012
Licence type:	Rights-managed
Release info:	Not released. More information
Source:	Getty Images Europe
Object name:	67866944

Result

1. **Identification of the celebrated festival:** The images from the Twitter post belong to the Voodoo Festival of Ouidah in Benin.
2. **Identification of images taken by the same person:**



3. **Previous city where the photographer was:** Photographer Dan Kitwood was in Cotonou before arriving in Ouidah.

Fires in the Coastal Area of a Country Exercise

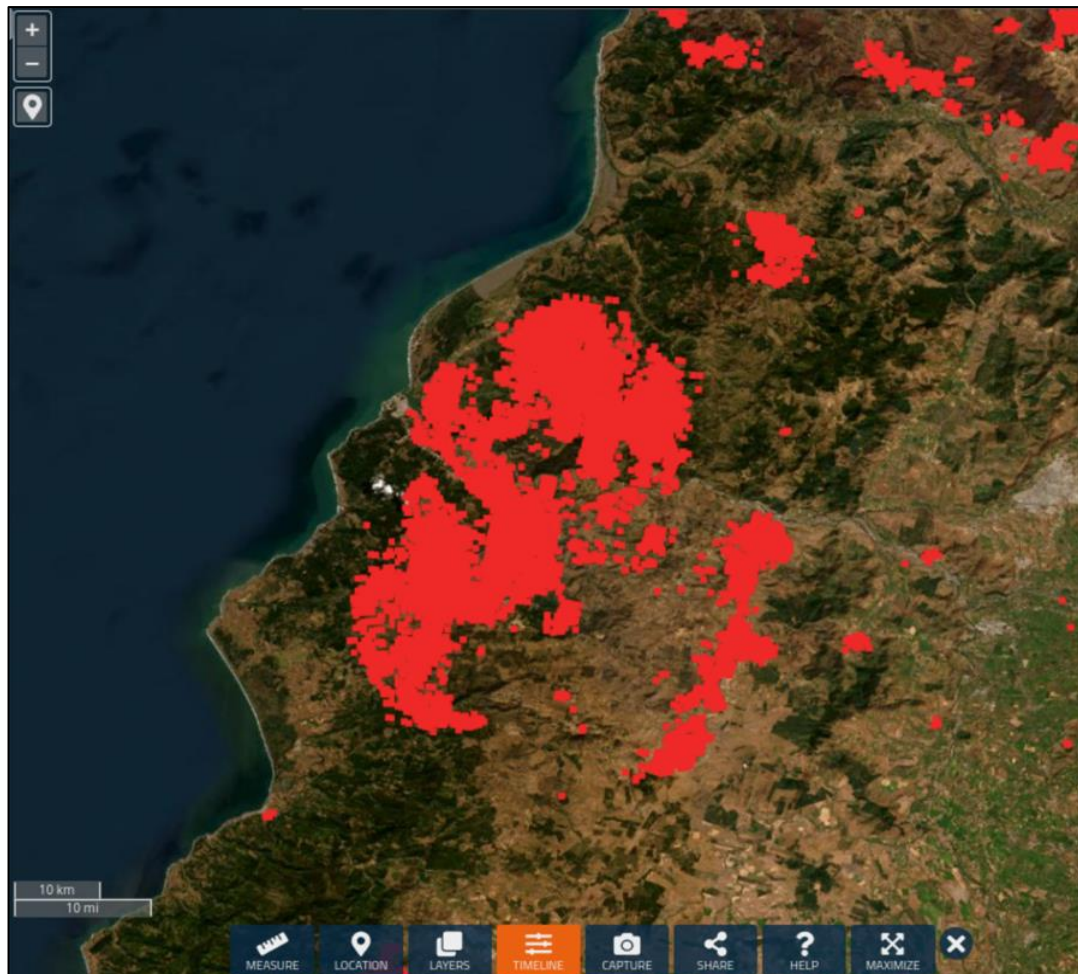
Objective

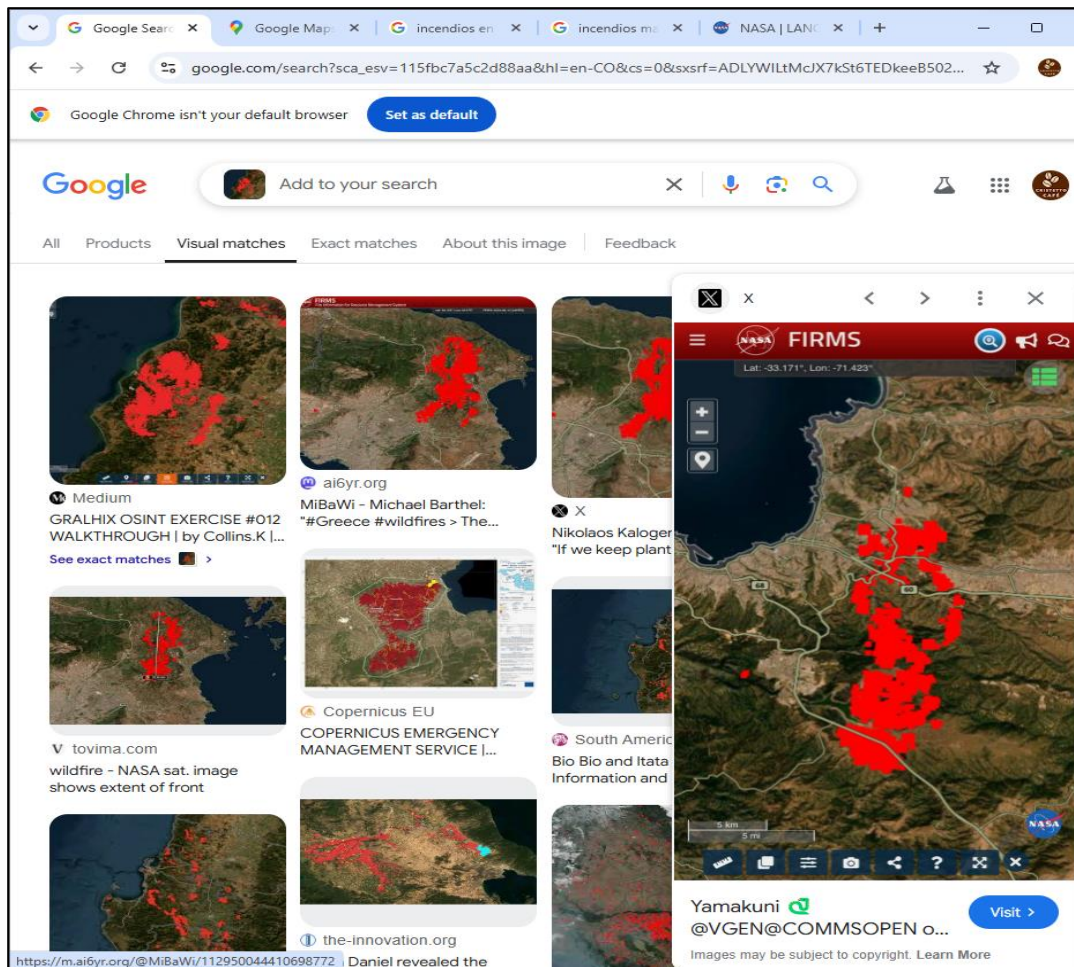
In this exercise, the main objective is to identify the website used to capture images of fires occurring around the planet. Additionally, it is necessary to determine the affected country and the exact date the fire occurred.

Methodology

1. Image Analysis using Google lens

The given image will be uploaded to Google Lens to find more like it and gather additional information about the website where they were taken.

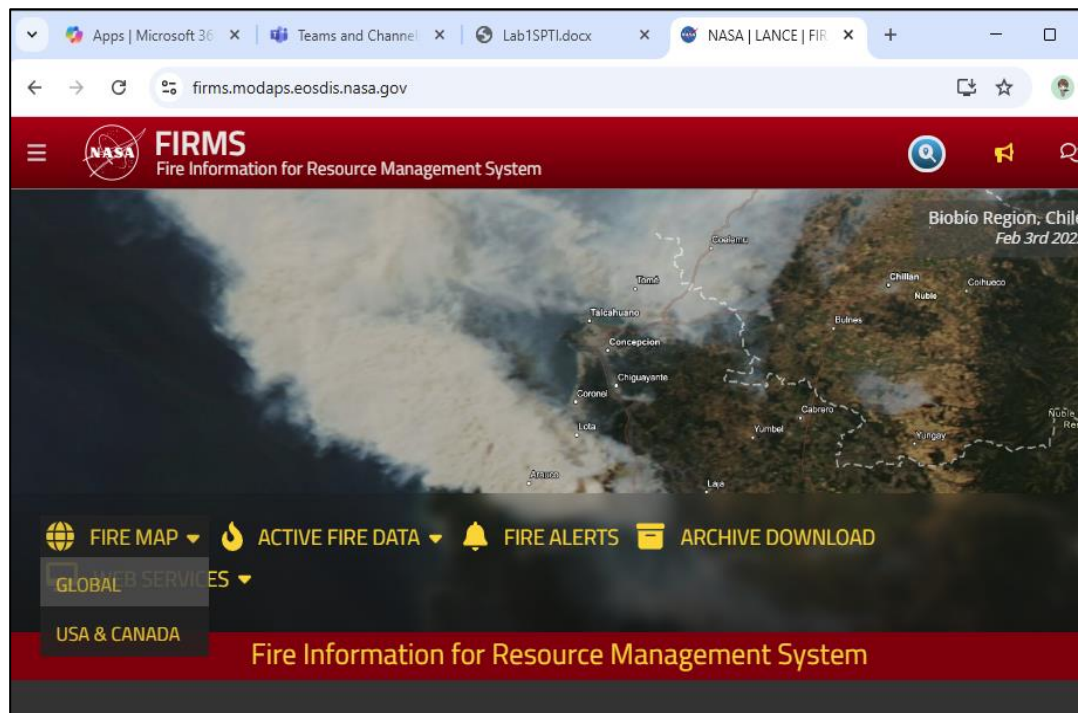
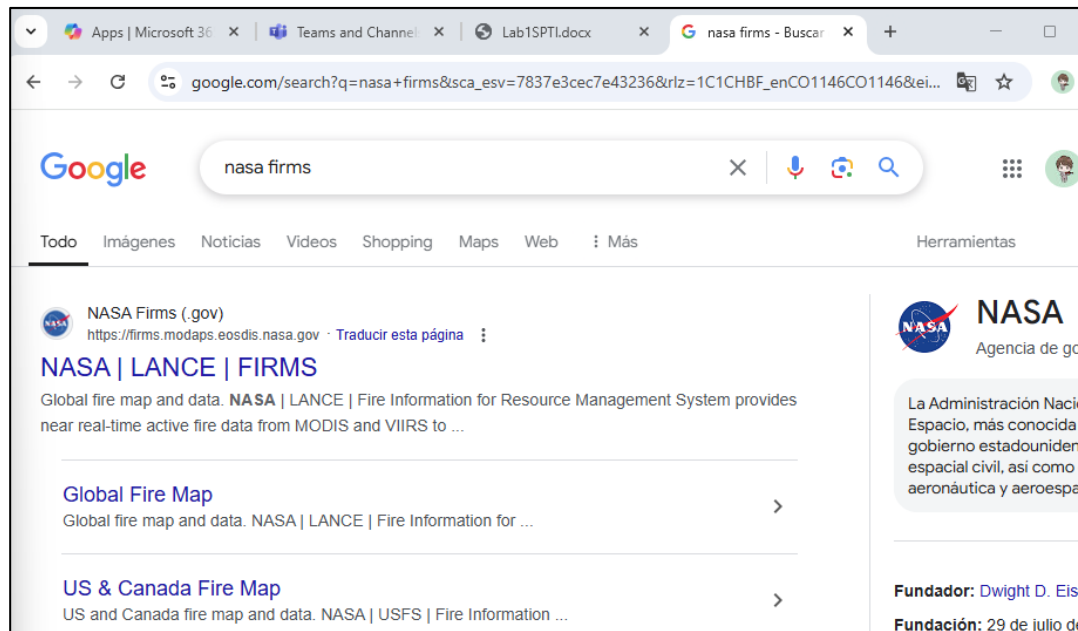


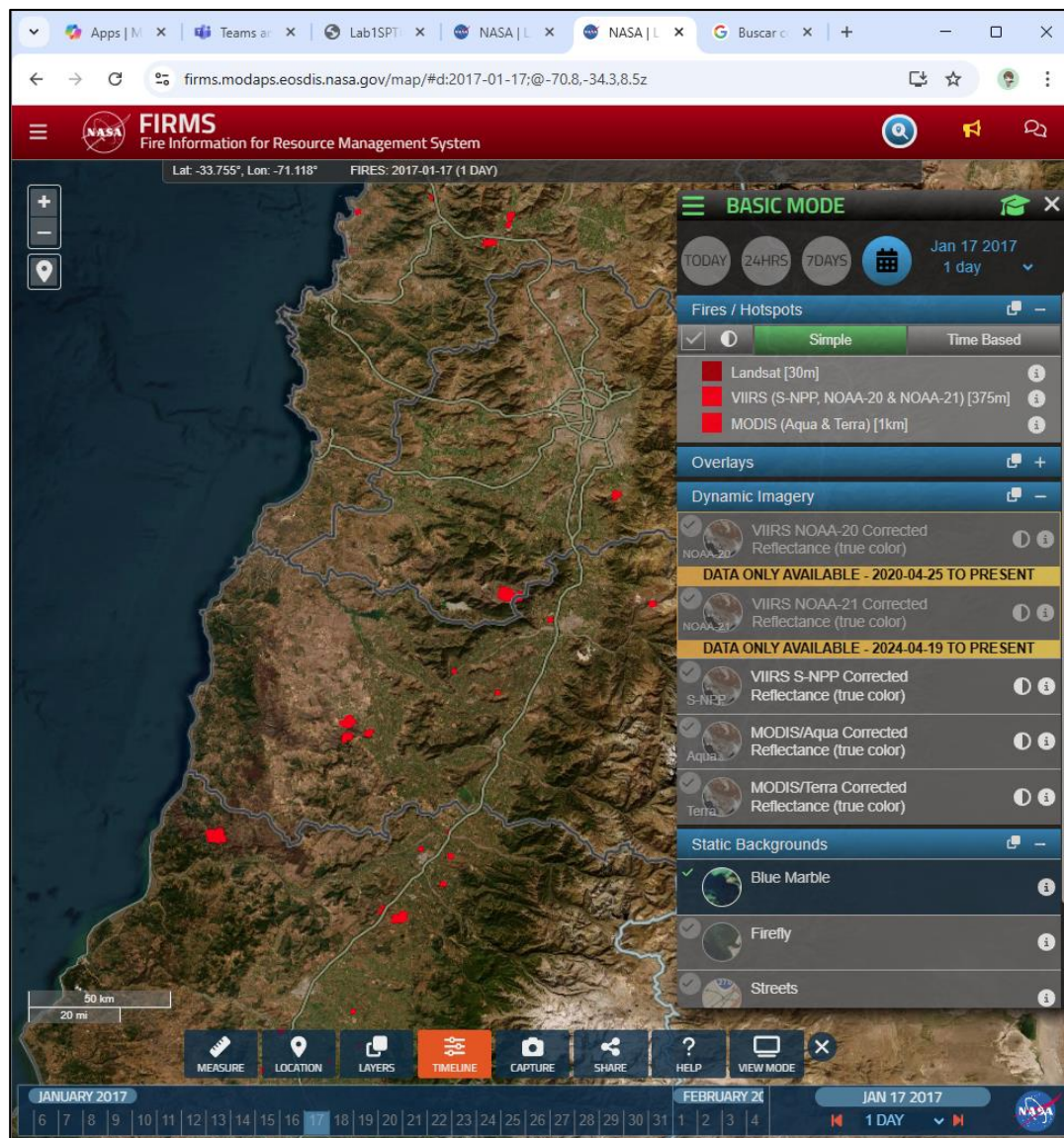


In several of the images that appeared in the search results, the *NASA* logo and the word *FIRMS* are visible in the image header.

2. Simple query using Google

With the data found earlier, we performed a simple browser search using this information, and once on the page, we clicked on *Fire Map*.





With this, we can conclude that the site used to capture the image for the exercise was FIRMS. You can access it through the following link:

<https://firms.modaps.eosdis.nasa.gov/map/#d:24hrs;@-2.7,12.2,3.1z>

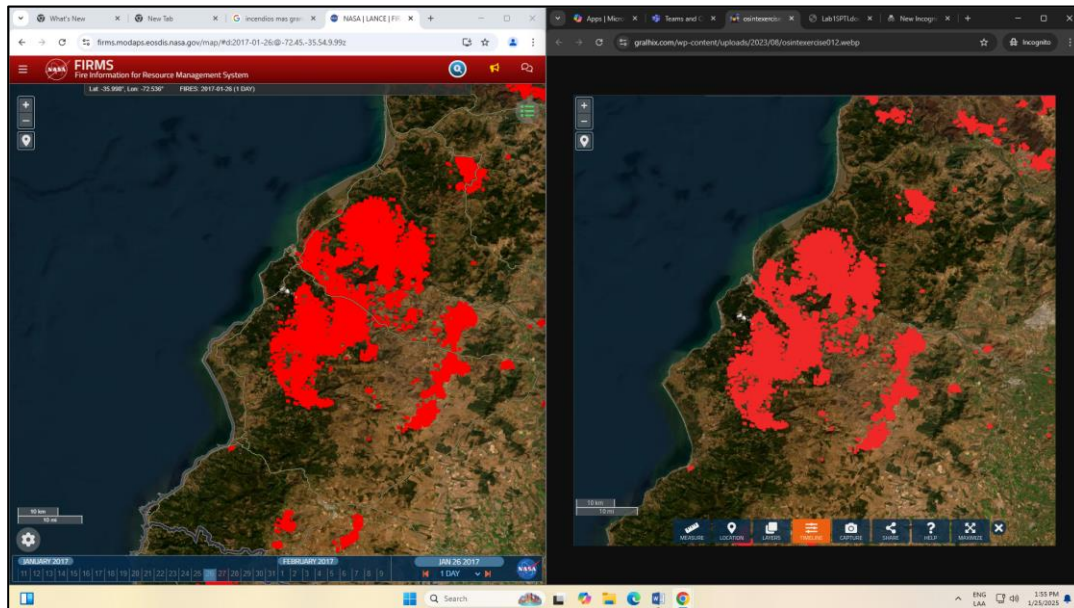
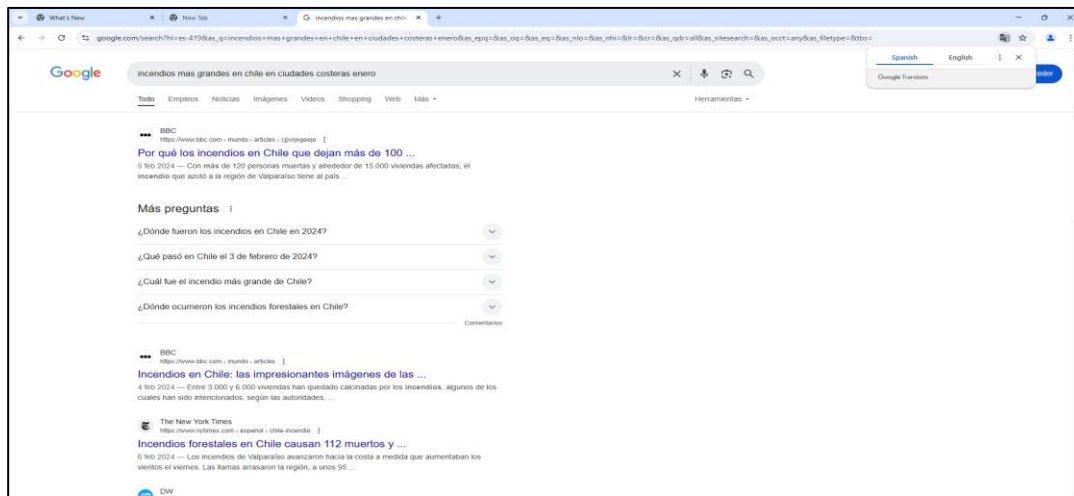
3. Locate the country through news.

With the query carried out in point 1, we also found a news article where we could see the same shape, and upon reviewing it, we confirmed that the country in the image is Chile.



4. Enter the date when these fires occurred.

Knowing that the photo is from Chile, we searched the internet for '*the largest wildfires in Chile in coastal cities in January.*' By reviewing the publication dates of news articles about this incident, we proceeded to input the various dates we found into **FIRMS** to identify the one that matched. In the end, it turned out to be January 26, 2017.



Result

1. **Identify the site of the image capture:** The given image was taken from the FIRMS website, which provides information on Fires for Resource Management.
2. **Country of the image:** The country captured in the image is the coastal area of Chile.

3. **Date of the fires:** The fires captured are from January 26, 2017.

Coronation of Queen Elizabeth II Exercise

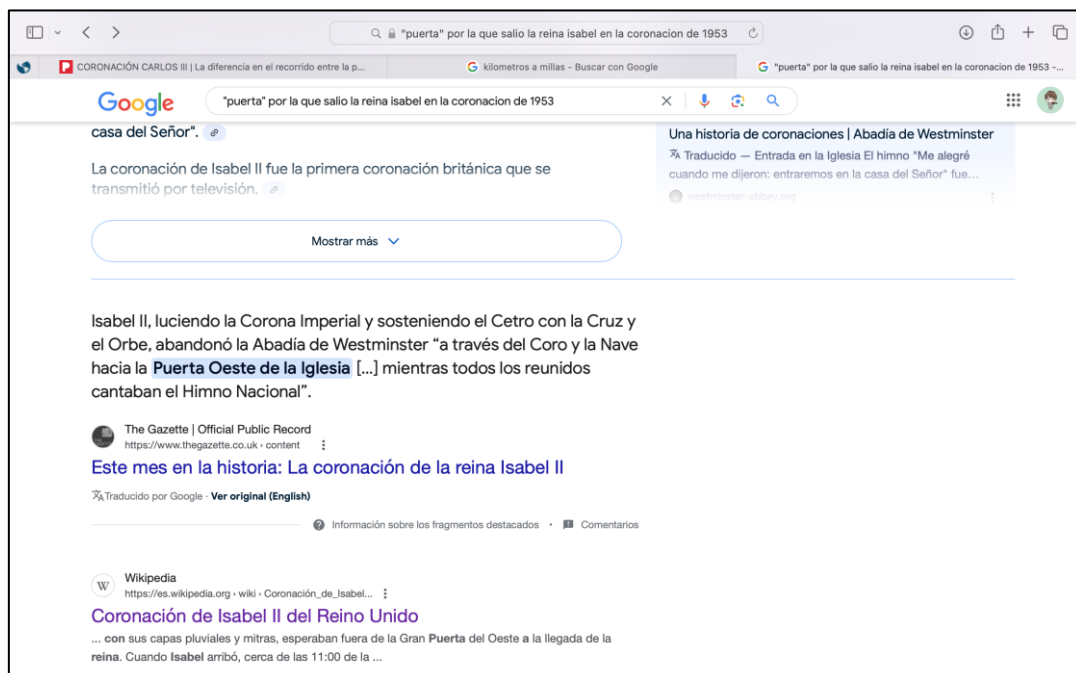
Objective

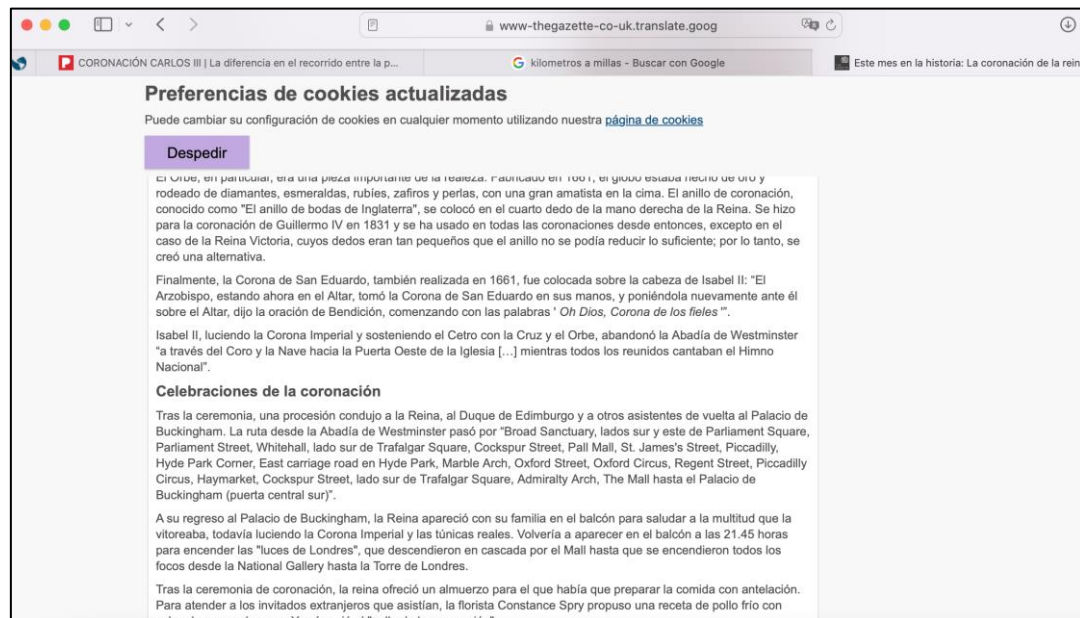
In this exercise, we will have to find the gate through which the Queen exited on the day of her coronation, as well as the distance traveled in her carriage and the average speed.

Methodology

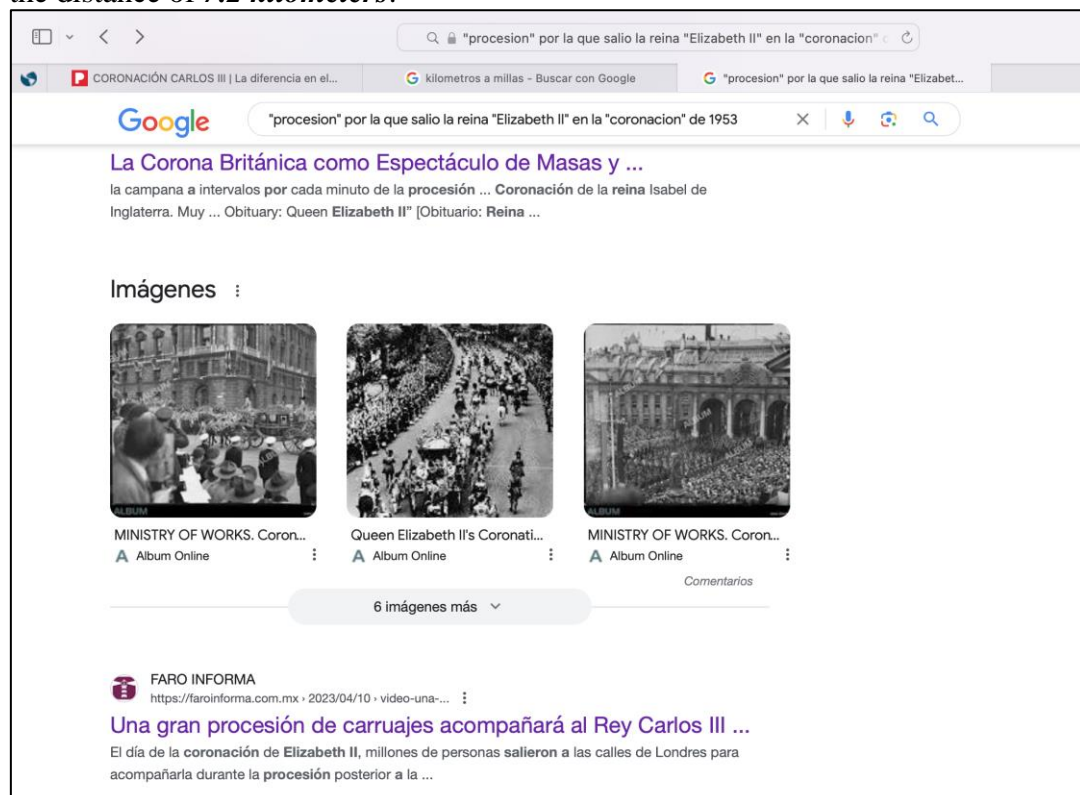
1. Search using one or more mandatory words in the browser.

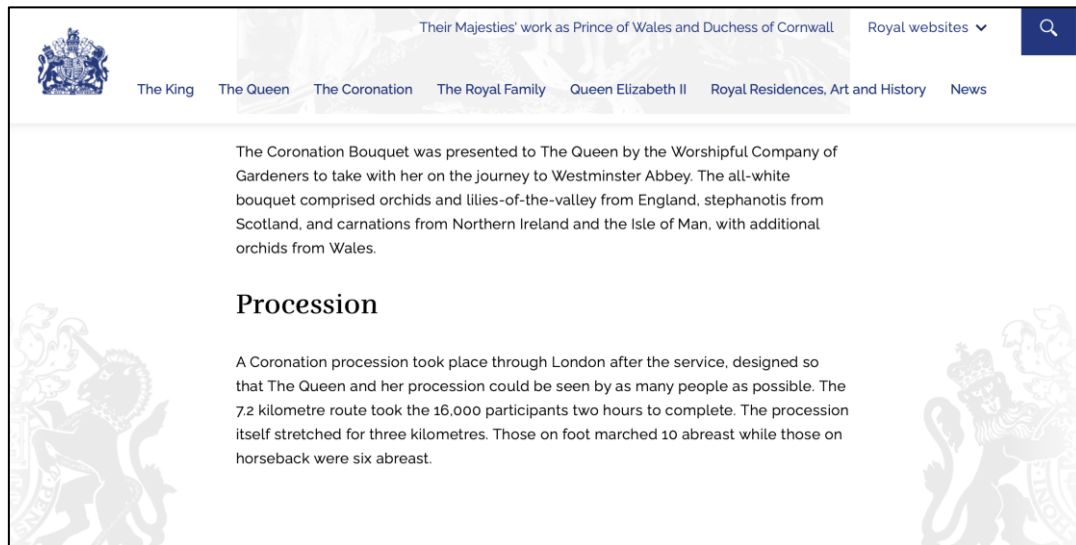
The first thing we will do is search for the gate through which the Queen exited during her 1953 coronation. In our search, we used quotation marks " " to specify to the search engine that we need results containing that specific word or phrase. In this case, we used "door", and it showed that she exited Westminster Abbey through *the Great West Door* before beginning her procession.



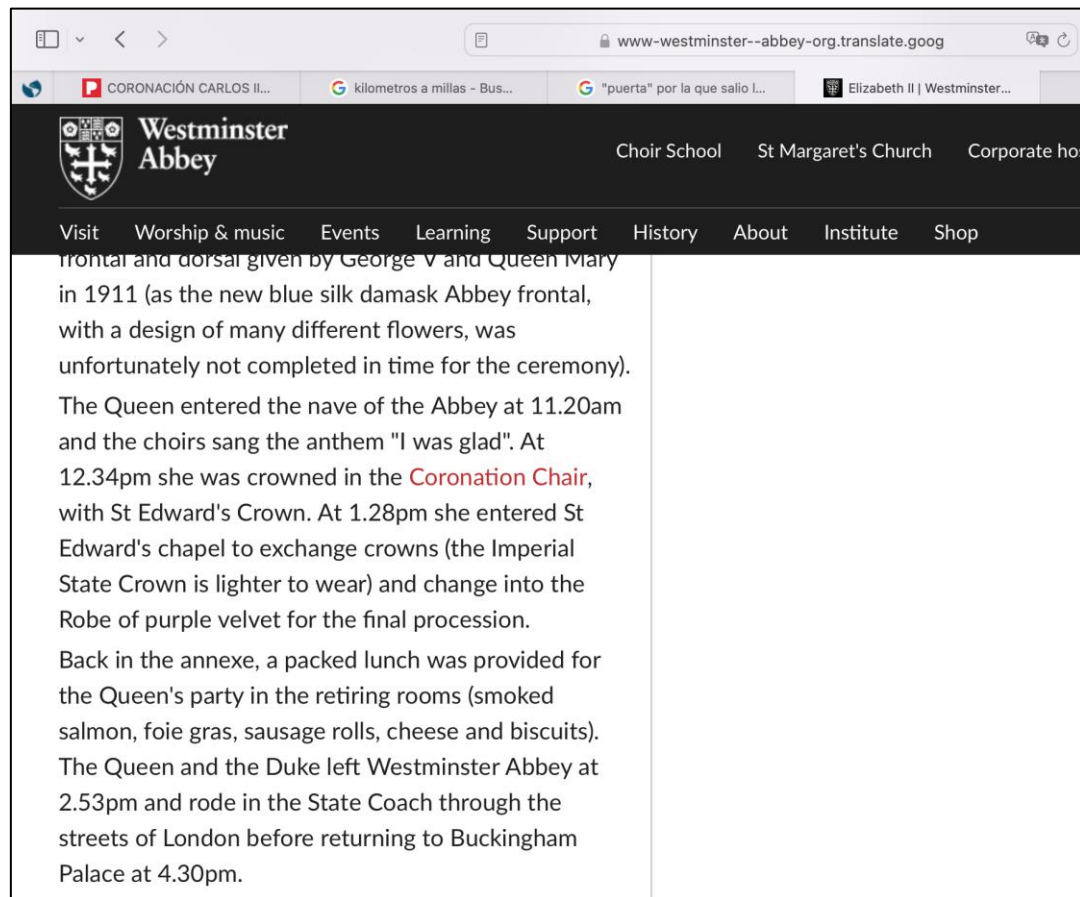


Now, in the same way, we will include "procession," "Elizabeth II," and "coronation" in the search to get very specific details about the Queen's carriage journey. In the search results, we found the official website of the British monarchy, which provides the distance of **7.2 kilometers**.





On another website, the exact itinerary of Queen Elizabeth was found. The procession began at 2:57 p.m. and ended at approximately 4:30 p.m. With a time difference of 97 minutes, we can calculate the average speed using the formula: average speed = distance traveled / total time. By performing these calculations, we find that Queen Elizabeth traveled at an average speed of **4.45 km/h.**



Result

1. **Identify the exit door:** Queen Elizabeth during her coronation exited through the Great West Door.
2. **Distance covered during the procession:** In the 1953 coronation, the queen covered 7.2 kilometers, which is approximately 4.5 miles, in about 97 minutes.
3. **Average speed:** Queen Elizabeth's procession was conducted at an average speed of 4.45 km/h.

Bibliography

- 129 Voodoo Festival Celebrated In Benin stock photos, high-res pictures, and images - Getty Images. (n.d.). Com.mx. Retrieved on January 26, 2025, from <https://www.gettyimages.com.mx/fotos/voodoo-festival-celebrated-in-benin>
- A Zangbeto swirls round during a ceremony. (n.d.). Pinterest. Retrieved on January 26, 2025, from <https://ar.pinterest.com/pin/705657835334768225/>

- Abr. (2023, April 10). A grand carriage procession will accompany King Charles III on his coronation day. FARO INFORMA.
<https://faroinforma.com.mx/2023/04/10/video-una-gran-procesion-de-carruajes-acompanara-al-rey-carlos-iii-el-dia-de-su-coronacion/>
- Nasa-firms. (n.d.). Nasa.gov. Retrieved on January 26, 2025, from
<https://firms.modaps.eosdis.nasa.gov/map/>
- Ouidah, Benin - the birthplace of voodoo and their annual voodoo festival. (2012, September 24). Blogspot.com. <https://kwekudee-tripdownmemorylane.blogspot.com/2012/09/ouidah-benin-birthplace-of-voodoo-and.html>
- Pictured: The world's most eye-popping clothing. (n.d.). Pinterest. Retrieved on January 26, 2025, from <https://co.pinterest.com/pin/622622717272353920/>
- Uk, P. P. (n.d.). Elizabeth II. Westminster Abbey. Retrieved on January 26, 2025, from https://www-westminster--abbey-org.translate.goog/abbey-commemorations/royals/elizabeth-ii/?_x_tr_sl=en&_x_tr_tl=es&_x_tr_hl=es&_x_tr_pto=tc
- x.com. (n.d.). X (formerly Twitter). Retrieved on January 26, 2025, from [https://x.com/search?q=\(from%3Adkitwood\)%20until%3A2012-01-31%20since%3A2011-12-01&src=typed_query&f=top](https://x.com/search?q=(from%3Adkitwood)%20until%3A2012-01-31%20since%3A2011-12-01&src=typed_query&f=top)
- (S/f). Royal.uk. Retrieved on January 26, 2025, from <https://www.royal.uk/queen-elizabeth-ii-accession-and-coronation>
- Sigue en tiempo real los focos de incendio en Chile mediante satélites de la NASA. (2023, February 4). Estacionlatina.cl. <https://estacionlatina.cl/2023/02/04/sigue-en-tiempo-real-los-focos-de-incendio-en-chile-mediante-satelites-de-la-nasa/>