

Escuela Colombiana de Ingeniería Julio Garavito

IT Security and Privacy

Report N° 01

Introduction to OSINT

Student:

Laura Sofia Gil Chaves

Teacher:

Ing. Daniel Vela

August 21st, 2024

Table of Contents

Polar Bears -----	3
Chinese Newspaper -----	5
Gregorian Calendar -----	7
Conclusions -----	10

Polar Bears



To identify the name of the zoo, a Google search was conducted for various articles on zoos that mention polar bears. Several web pages were searched for visual matches to the image provided. Next, similar images were obtained from San Diego Zoo's Polar Cam (<https://zoo.sandiegozoo.org/cams/polar-cam>), where it was observed that the spots on the wall, the hill of rocks and the large branch are similar to the initial image. To confirm the name of the zoo, I checked the YouTube shorts of that zoo (https://youtube.com/shorts/8_VxWYKsba0?si=qXdgOdj0ID4_Fc8j), and they totally coincide with the one of an user who visited the zoo being San Diego Zoo.

Search results for "polar bears zoo".

San Diego Zoo
<https://zoo.sandiegozoo.org> · po... · Traducir esta página
Polar Cam
About This View ... You're watching our polar bears in their tundra habitat at the Conrad Prebys Polar Bear Plunge! From 7:30 a.m. to 7:30 p.m. Pacific Time, you'll see...

Bear Conservation
<http://www.bearconservation.org.uk> · ... · Traducir esta página
Captive polar bear directory
ABQ Bio Park Zoo, Albuquerque, New Mexico (aka Rio Grande Zoo); Kiska (male); Alaska Zoo, Anchorage, Alaska · Cranbeary (female); Kova (female); Brookfield Zoo, ...

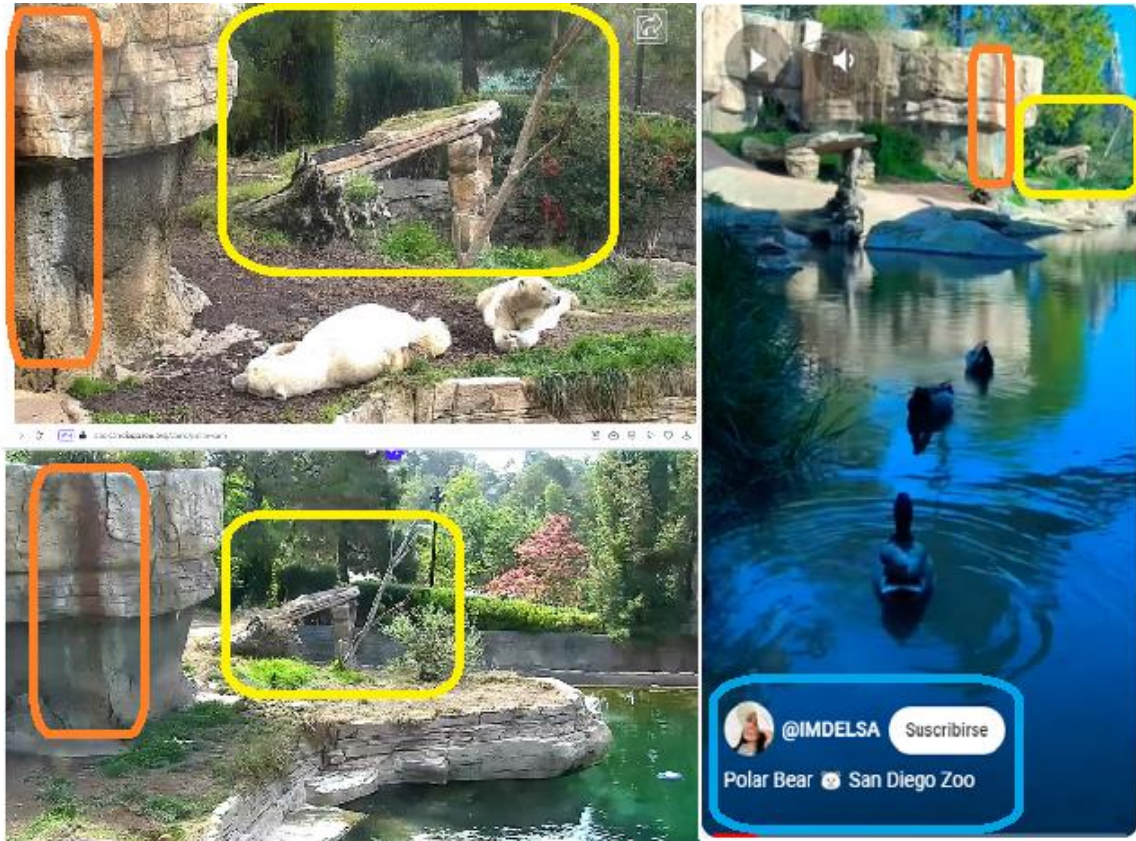
San Diego Zoo
<https://animals.sandiegozoo.org> · ... · Traducir esta página
Polar Bear | San Diego Zoo Animals & Plants
Polar bears at the San Diego Zoo get a fortified meat-based commercial carnivore diet, dog kibble, trout and other fish, as well as root vegetables and lettuce ...

Toronto Zoo
<https://www.torontozoo.com> · Pol... · Traducir esta página
Polar bear - Animals
Polar bears moult annually between the end of May and August. The coat becomes thinner and has a yellow wash or is almost a golden colour. Male polar bears ...

Zoos/Oso polar

Zoo	Image
Zoologico de Alaska Anchorage	
North Carolina Zoo	
Yorkshire Wildlife Park	
Zoologico de Berlin Berlin	
Peak Wildlife Park	
Como Park Saint Paul	
Highland Wildlife Park Kinross	

Polar Bears International
<https://polarbearsinternational.org> · ... · Traducir esta página
Polar Bears in Zoos | Polar Bears ...
Our goal at Polar Bears International is to conserve polar bears and their sea ice habitat, and modern zoos and aquariums can play a critical role in their ...



Now as it is known that the screenshot was taken on January 15, 2023, at 2 pm, the temperature of that day was googled and came up 15°C (<https://www.timeanddate.com/weather/usa/san-diego/historic?month=1&year=2023>).

San Diego Weather History for 15 de enero de 2023

Show weather for: 15 de enero de 2023

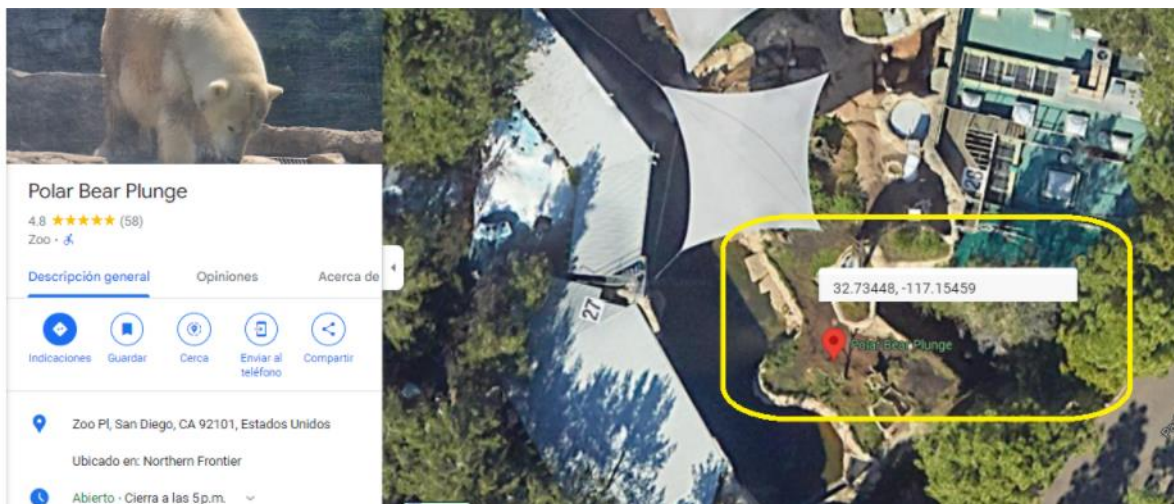
12:52		16 °C	Partly sunny.	7 km/h		72%	1012 mbar	14 km
13:52		15 °C	Broken clouds.	9 km/h		81%	1011 mbar	14 km
14:52		14 °C	Light rain. Mostly cloudy.	20 km/h		87%	1011 mbar	8 km

To find the coordinates, I searched Google Maps with satellite images of the location of the zoo and located the polar bear habitat (<https://www.google.com/maps/place/Polar+Bear+Plunge/@32.7344424,-117.1567628,698m/data=!3m1!1e3!4m7!3m6!1s0x80d954bf20806b07:0xe1a>

430f7564593b8!4b1!8m2!3d32.7344424!4d-117.154574!16s%2Fg%2F1tn01j6f?entry=ttu).

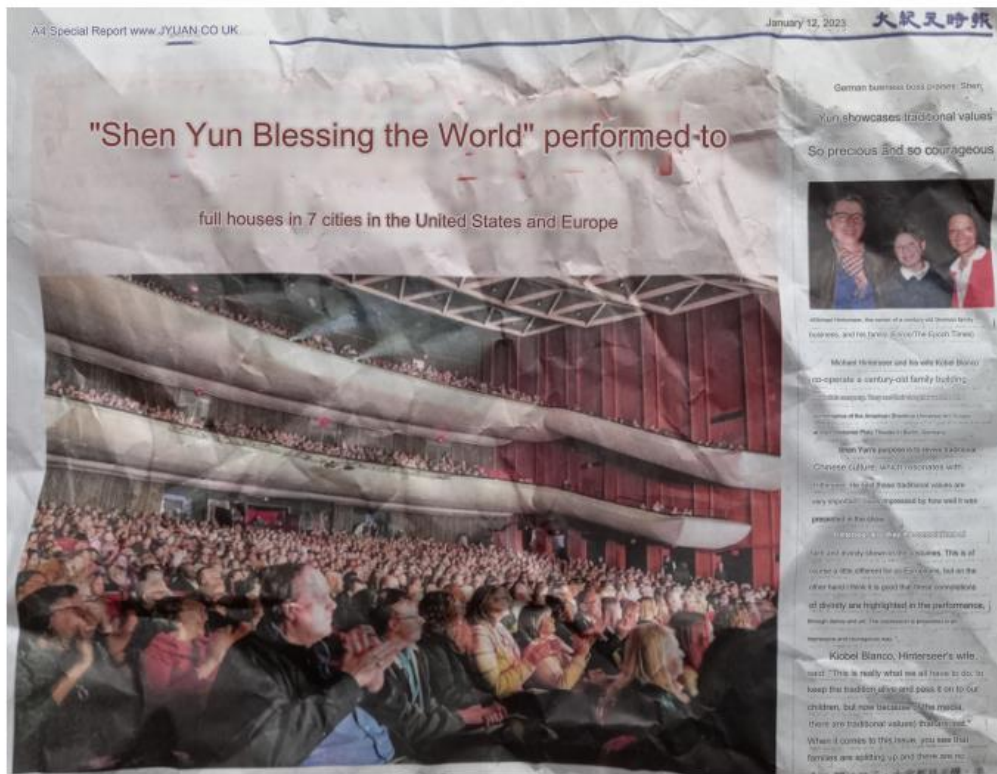


From here, the image was zoomed in to determine the coordinates of the polar bears, which were 32.73446592203972, -117.15458320444687.



Chinese Newspaper

To answer the first question, the text of the image was translated using the Google translator tool, which mentions that the audience is applauding for the performance of Shen Yun, a performing arts company, which was an artistic presentation on Chinese culture that took place in several countries around the world such as the United States and Europe. Additional information was verified through Google Lens with sources from the following article (<https://en.minghui.org/html/articles/2023/1/13/206159.html>).



If we read the entire article on the page previously provided, I can determine the date was January 7, 2023, and the location was Chrysler Hall in Norfolk, Virginia.



Shen Yun North America Company at the Chrysler Hall in Norfolk, Virginia, on January 7. The company presented three performances in Norfolk January 7-8, all to packed houses. (The Epoch Times)

Gregorian Calendar

1. The Ethiopian athlete has won the Tokyo Marathon!

To determinate the date of the publication of the article, an initial translation into English was carried out because the article was in the Amharic language. The information in the news article indicated that was published shortly after the completion of the Tokyo Marathon and the translation of the article suggests that it was 4 years ago. To verify when the event was held, the date was searched on Google. Which yielded that it was Sunday, March 1, 2020.

Maratón de Tokio / Fecha (2020)


domingo, 1 de marzo de
2020



The 2020 Tokyo Marathon (Japanese: 東京マラソン2020) was the 14th edition of the annual marathon race in Tokyo, and was held on **Sunday, 1 March**. A World Athletics Platinum Label Road Race, it was the first World Marathon Majors event held that year.

To check the accuracy of the date, the page of the publication was inspected, and the *date* tag was used to know the exact date of the news item, which coincided with the date mentioned above. In addition, the image of the article was reviewed to confirm the information.

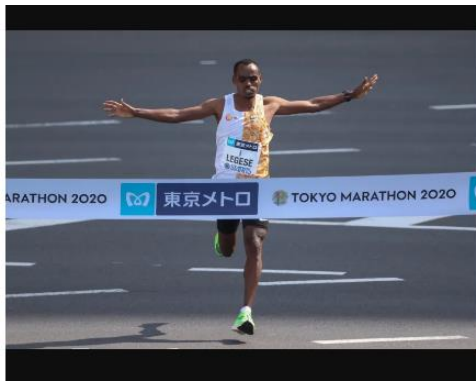
ከደቂቃዎች በፊት በተጠናቀቀው የቶኪዮ ማራቶን እሳታፊዎች
እትሉት ብርሀን ለገሰ 2:04:15 ሰአት በመገባት የመጀመሪያው ደረጃ
ሲይዝ ሊላኛው እሳታፊዎች እትሉት ሲሳይ ለማ በሰበተኝነት
ማጠናቀቅ ችለዋል ።



By using this site, you agree to the [Privacy Policy](#) and [Terms of Use](#).

```
<div class="s-cats ecac-l-dot custom-size">...</div>
<h1 class="s-title fw-headline">እትሉት የቶኪዮ ማራቶን ሲላኛል ሆኗል !
</h1>
<div class="single-meta">
  <div class="smeta-in">
    <a class="meta-el meta-avatar" href="https://www.hatrickssport.net/aut
hor/kidus-yemiru/">...</a>
    <div class="smeta-sec">
      <div class="p-meta">
        <div class="meta-inner is-meta">
          <span class="meta-el meta-author">...</span>
          <span class="meta-el meta-date">
            <i class="rbi rbi-clock" aria-hidden="true">...</i>
            <time class="date published" datetime="2020-03-01T08:37:13+03:
00">4 years ago</time> == $0
          </span>
        </div>
      </div>
    </div>
  </div>
```

date 15 matches Cancel



```
<head>
<meta name="viewport" content="width=device-width, minimum-scale=0.1">
<style type="text/css" id="operaUserStyle">
...
video {
  filter: -opera-
  shader(url(data:text/plain;base64,Ly8gaHR0cHM6Ly9naXRodWIuY29tL0dQVU9w
  -opera-args(1.00 255 255 255));
} == $0
</style>
<title>IMG_20200301_112754_299.jpg (860x573)</title>
<style type="text/css"></style>
</head>
<body style="margin: 0px; height: 100%; background-color: rgb(14, 14, 14)"
<img style="display: block;-webkit-user-select: none;margin: auto;cursor:
</body>
</html>
```

And so all methods used to determine the date of publication corroborate that it was March 1, 2020.

2. Recruitment for 5 thousand 444 people in police opened

The translation of the publication that was originally in Nepali, it was translated into English, where the document mentions the day and month of the publication which is January 17. The date in the Nepalese calendar is also provided in the headline of the news item. Subsequently, the year was converted to the Gregorian calendar, resulting in 2016.

Detectado: [nepali](#) [inglés](#) [español](#) [francés](#)

Japonés [español](#) [inglés](#)

January 17, 2072 at 18:24

२०७२ माघ १७ गते १८:२४
2072 Māgha 17 gatē 18:24

Select Year: (2072) Month: (Magh) View Calander						Calendar in English	
माघ २०७२						Jan/Feb 2016	
आइतवार	सोमवार	मंगलवार	बुधवार	बिहीवार	शुक्रवार	शनिवार	
					१ १५ चौथे आइतबार, बज्रकाल ज्येष्ठिका चतुर्थी	२ १६ सप्तमी	
३ १७ अष्टमी	४ १८ नवमी	५ १९ दशमी	६ २० एकादशी पुनवा एकादशी व्रत	७ २१ द्वादशी	८ २२ त्रयोदशी	९ २३ चतुर्दशी शिवरात्री व्रत आरम्भ	
१० २४ पुर्णिमा	११ २५ प्रतिपदा	१२ २६ द्वितीया	१३ २७ तृतीया	१४ २८ चतुर्थी	१५ २९ पञ्चमी	१६ ३० षष्ठी सतीत विसरा	
१७ ३१ सप्तमी	१८ ०१ अष्टमी	१९ ०२ नवमी	२० ०३ दशमी	२१ ०४ एकादशी मन्दिता एकादशी व्रत	२२ ०५ द्वादशी	२३ ०६ त्रयोदशी	
२४ ०७ चतुर्दशी	२५ ०८ औशी	२६ ०९ प्रतिपदा सोमनाथजीवार	२७ १० द्वितीया	२८ ११ तृतीया	२९ १२ चतुर्थी सप्तमीको देखाउनु ज्यात्रे सप्त सप्तमि		

To confirm the previous information, I went to the link of the web page that mentions the month and year of the publication of the news, and here I were able to confirm the exact date January 17, 2016.

www.onlinekhabar.com/2016/01/381827

होमपेज समाचार बिजनेस जीवनशैली मनोरंजन विचार

२ थरी २०८९, आइतबार

+7.33% +46.30 ↑ +2.65% +7.20 ↑ +7.24%

19 COMMENTS

प्रहरीमा ५ हजार ४४९

अनलाइनखबर २०७२ माघ १७ गते १८:२४

3. On the fifth night of Fajr Music Festival, which groups will take the stage?

To determinate the date of publication of the article, a translator extension was used in the browser that converted the text from Persian to English, visibly revealing the date in the article. To verify the accuracy of the information, the Wayback archive tool was used, which displays previous versions of the web page. The first available realization was searched, which correctly matched the publication date identified as February 22, 2023.

Lo más discutido Lo más visto

8369785 11:17 - 22 febrero 2023 Club de Jóvenes Periodistas • Culturales y Artísticos • Música y Artes Visuales

¿Qué bandas subirán al escenario en la quinta noche del Festival de Música Fajr?

La quinta noche del 38º Festival Internacional de Música Fajr se llevará a cabo con la presencia de artistas con diferentes actuaciones.

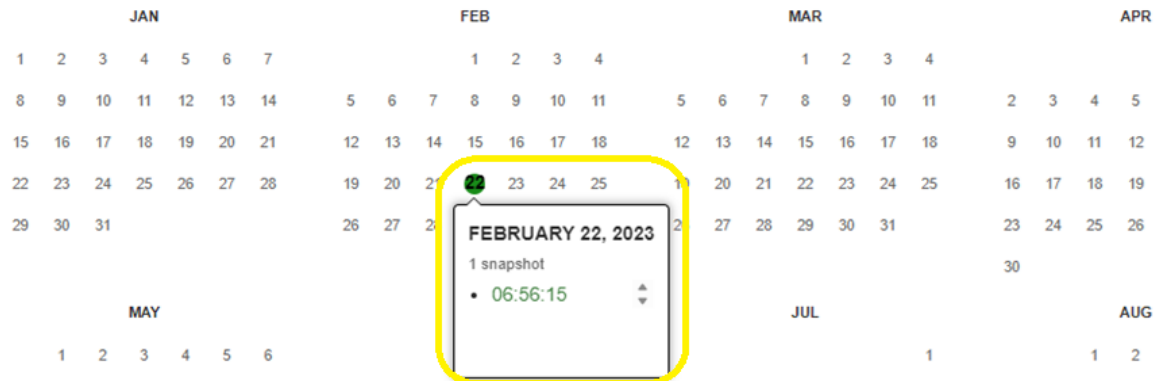
El martes (22 de febrero), el Vahdat Hall acogerá al Ensemble del Conservatorio de San Petersburgo a las 18:30 y a la Orquesta Sinfónica de Teherán en la segunda sesión.

El Salón Roudaki también estará dedicado a Saadi Khwani (instrumento y voz) y Molavi Khwani (instrumento y voz) a las 18:30 y a Attar Khwani (instrumento y voz) y Hafez Khwani (instrumento y voz) a las 21:30.

Por su parte, el Centro Cultural Niavaran acogerá al grupo "Navaye Erfan" de Kerman a las 18:30 y el Concierto de Música Khorasan (Choob Bazi) a las 21:30 horas.

Como es habitual, el Centro Cultural Arasbaran acogerá a solistas de música iraní (jóvenes talentos) todas las noches a las 18:30 para el himno de Teherán y a las 21:30.

A las 18:30 se celebrará la Sala Milad de la Exposición Internacional de Teherán con el público de Behnam Bani, y a las 21:30 con el público de Ali Yasini.



Conclusions

The process of identifying and verifying the information was done using various tools such as Google Lens, Translator and Maps, as well as Shorts and web pages such as Wayback, which helped in the interpretation and extraction of accurate and correct information.

The ability to visualize different formats, helped the verification of specify data, where it shows the importance of a detailed and multifaceted search for the validation of the facts.

As a fact it can be determined that the information is public and accessible, it only requires a good analysis and adequate research to be found and verified.