

The background features a series of concentric circles in light gray, some solid and some dashed, creating a sense of depth and movement. A large, solid orange oval is positioned in the center, serving as a backdrop for the title and author's name. A dark gray, curved shape is visible on the left side, partially overlapping the orange oval.

Image Illusions and Mind Tricks

Diane Prorak

I'm sure Americans don't even know the name of this country ptdrrr



2:29 PM - Oct 30, 2022 - Twitter for iPhone

Do you know European geography?

Introduction

- Intro to misinformation and disinformation
- Image Illusions: fact checking images
- Mind tricks: Logical fallacies and other techniques

Video: Media Literacy masterclass
<https://youtu.be/Cdx5zz5Dtr8>

Fact checking 101



When there's
any doubt...

Use "lateral reading" to verify

When you come across information online,
ask yourself:

1. Who's behind the information?



2. What's the evidence?



3. What do other sources say?



Source: Mediawise Campus Correspondents

What sources
can you trust?
Standards based media
sources

Check if the media source follows journalistic
standards

Make sure they publish corrections!



Source: [NewsLit](#)

Misinformation techniques in images

- **Common misinformation techniques used with images/videos**
 - Out of context
 - Manipulated content (including deepfakes)
 - Fabricated content (including AI created)
 - Images from models presented as reality
 - Photographic tricks (e.g. perspective)

Reverse Image Search

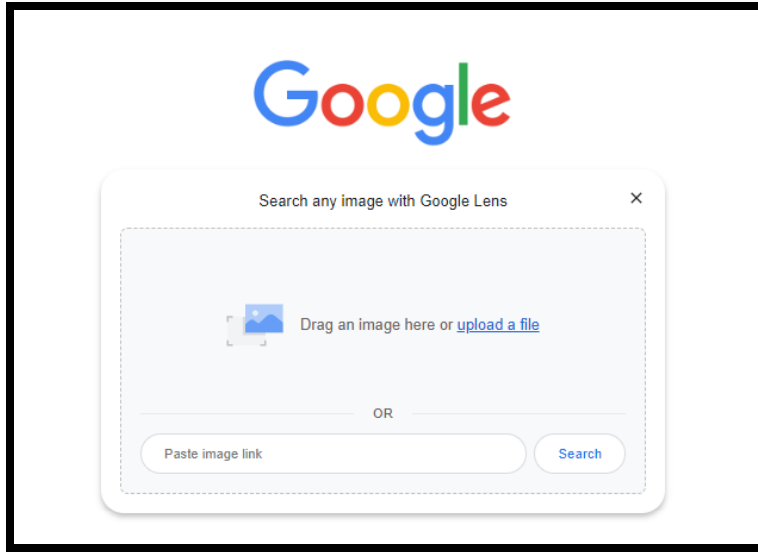
VERIFYING PHOTOS & VIDEOS



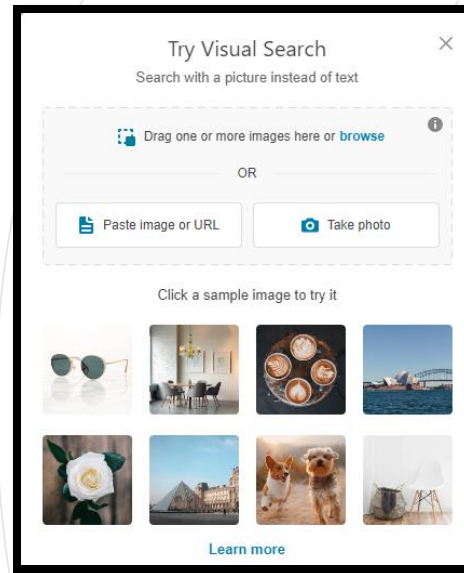
6:35 / 17:55 • Verifying Photos and Videos >



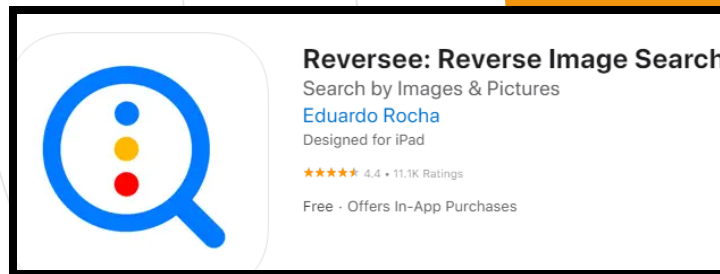
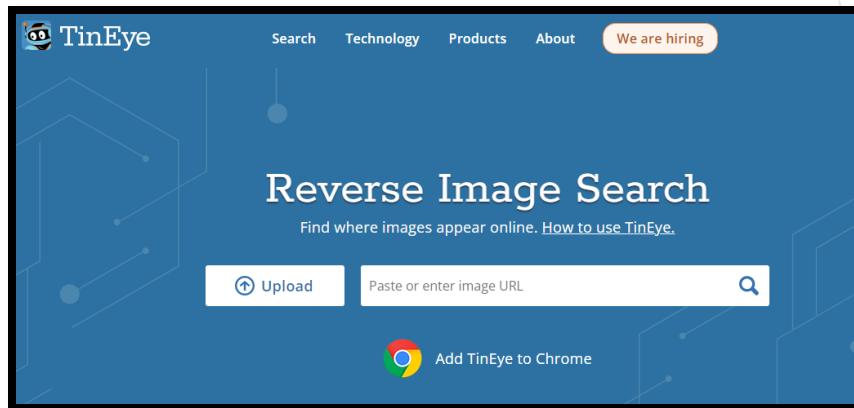
Drag or upload images
or search by URL



Bing

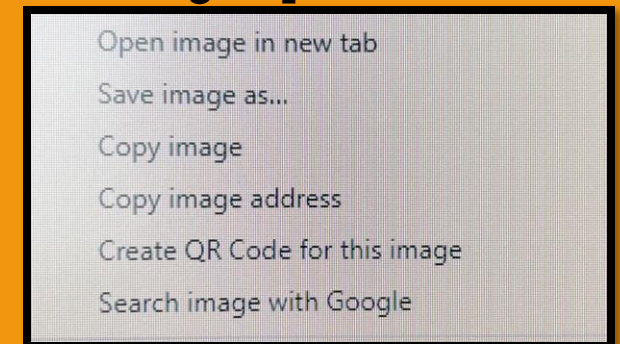


Reverse Image Search



Reversesee: mobile
devices only

Image options menu



Searching for the
original image to
compare





TinEye

Search

Technology

Products

About

We are hiring

Log in



Upload

Paste or enter image URL



35 results

Searched over 59.2 billion images in 1.6 seconds for:
fakepics.files.wordpress.com/2018/12/orca-jump-near-a-boat.jpg

Using TinEye is private and we
do not save your search images.

most changed ▾

Filter by website / collection



www.exceptionallifeinstitute.com

everyones-a-healer/ - First found on Dec 12, 2019

Filename: **Everyones-a-Healer.jpg** (1550 x 975, 305.1 kB)



scoutripper.com

break-up-with-social-media/ - First found on Jul 26, 2019

Filename: **Break_up_social_media_08-1024x624.jpg**
(1024 x 624, 70.8 kB)



www.exceptionallifeinstitute.com

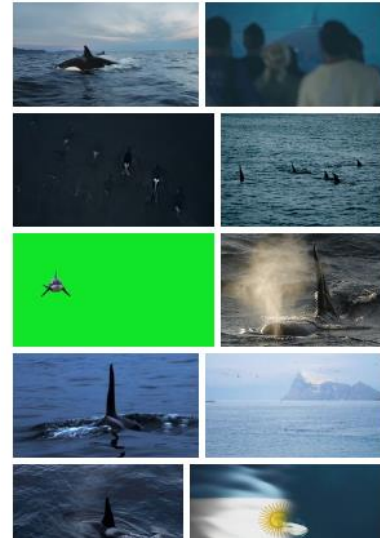
everyones-a-healer/ - First found on Dec 12, 2019

Related images on



Adobe Stock

SPONSORED



Tin Eye can help you compare



35 results

Searched over 59.3 billion images in 0.4 seconds for:
fakepics.files.wordpress.com/2018/12/orca-jump-near-a-boat.jpg

Using TinEye is private
and we do not save your
search images.




Sort by most changed ▾

Filter by website / collection



Compare match ✕ Close



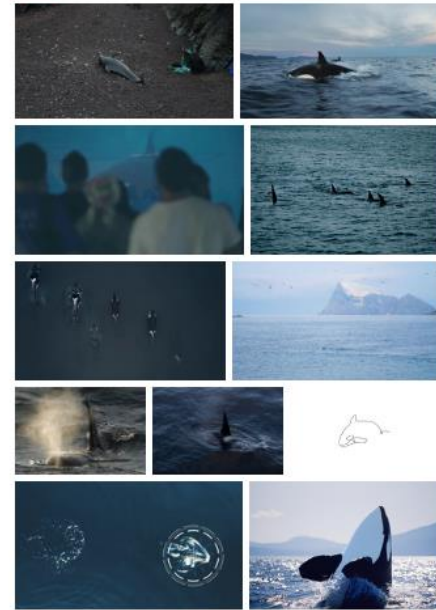
JPEG, 1550x975, 305.1 kB

Your image Compare Image match

Related images on

St Adobe Stock

SPONSORED



Tin Eye can help you compare

Stock photos may help you find the pieces that make up a photoshopped image. Stock photos are not always reality though, as they may be graphic art or composites of photos.

The Pope in a puffy?



Jake Flores ✓
@feraljokes

Ayo. Blessed be.



5:43 PM · Mar 25, 2023 · 364.3K Views



03.28.2023

Pic of pope in puffy jacket produced by AI fools many online

An image supposedly showing Pope Francis wearing a stylish white puffy jacket received millions of views as it circulated on social media, but this image isn't real. It was created with an artificial intelligence tool. Let's look at the facts.

#AI | #FabricatedContent | #ReverseImageSearch
#LateralReading | #Pope | #PopeFrancis

Fact Check

This Is Not a Real Photo of the Pope in a Puffy Coat

We will soon be drowning in AI-generated deepfake images.

By [David Emery](#)

Published Mar 26, 2023



THE 5 Factors

We've determined that this viral rumor is misleading or false based on its failure to pass the following credibility factors. Please note that these factors do not represent degrees of falsehood. A post that fails a single factor is generally just as false as a post that fails all five.

SNAPSHOT

- ✗ **Authenticity**
- ✗ **Source**
- ✗ **Evidence**
- Context
- Reasoning

AUTHENTICITY

Is it authentic?

✗ **No.**

This is not an authentic image of the pope in a puffy coat.

[Learn about authenticity](#)

SOURCE

Has it been posted or confirmed by a credible source?

✗ **No.**

This photo did not originate with a credible standards-based news outlet.

[Learn how to check sources](#)

EVIDENCE

Is there evidence that proves the claim?

✗ **No.**

The evidence shows that this picture was originally posted to a subreddit dedicated to images created with the AI image generator Midjourney.

[Learn how to check evidence](#)

CONTEXT

Is the context accurate?

N/A

REASONING

Is it based on solid reasoning?

N/A

How to spot a Deepfake

INVESTIGATE AN IMAGE

- <https://padlet.com/UoflLibrary/images0423>

Your turn

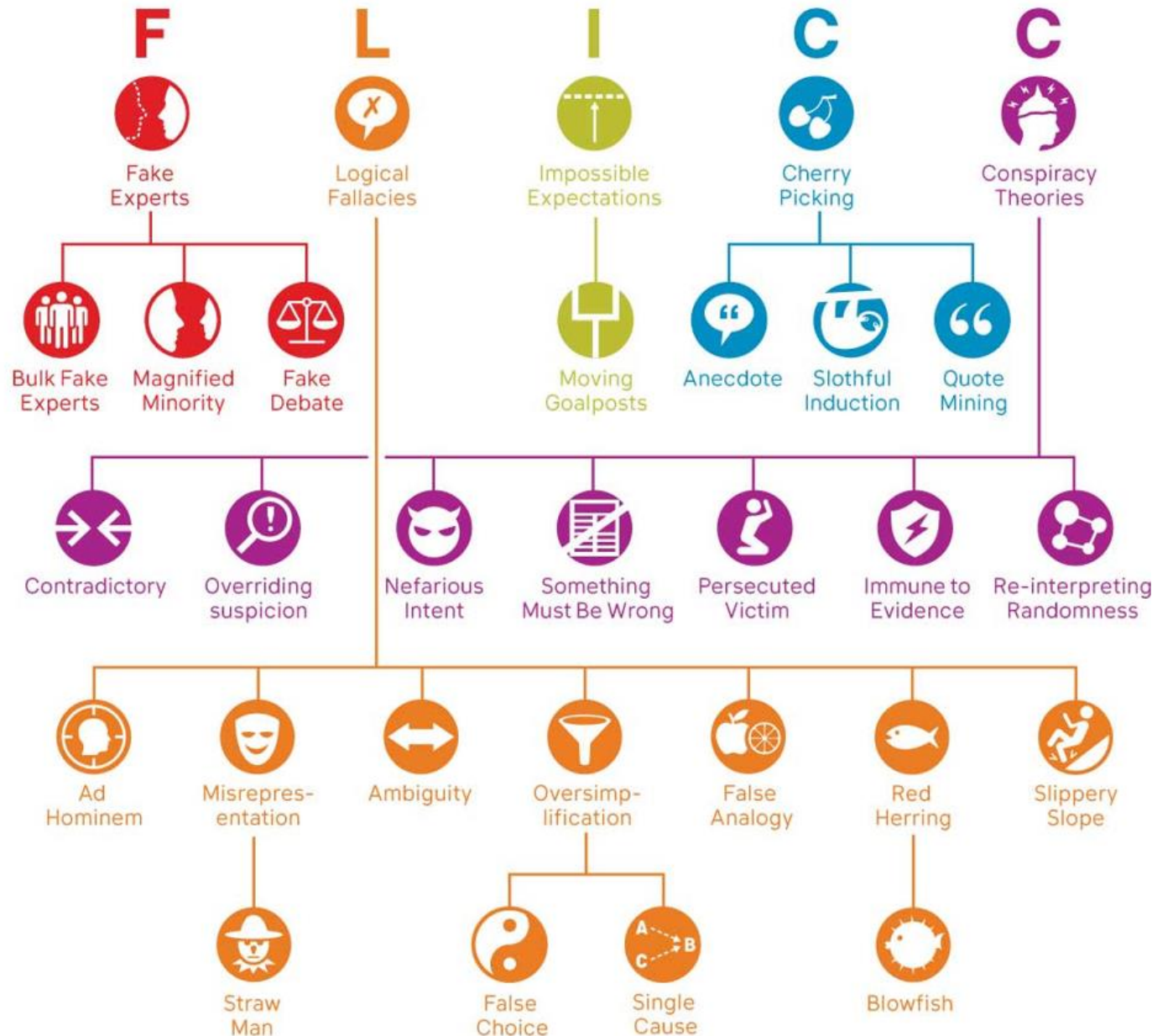


The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. In the center, there is a large orange speech bubble with a pointed bottom. Inside the bubble, the text is white.

Logical Fallacies and other mind tricks

<https://youtu.be/Va6Cl87t9rs>

Techniques of Science Denial



There are many mind trick techniques used in misinformation to make a false argument appear correct or compelling.

<https://skepticalscience.com/history-FLICC-5-techniques-science-denial.html>

Practice

- Ads use fallacies and other argumentative techniques to persuade us.
- You will make an ad using a fallacy or other technique.

Be careful out
there!



The background features a series of concentric circles in light gray, some solid and some dashed, creating a ripple effect. A large, solid orange oval is centered on the page, serving as a container for the text. A dark gray, curved shape is positioned to the left of the orange oval, partially overlapping it.

Questions & comments?

Contact me anytime!

prorak@uidaho.edu