



KASHIF

كاشيف

عائسه المطرف، عاده الكواري، جواهر العيمى، بحاه الرباره

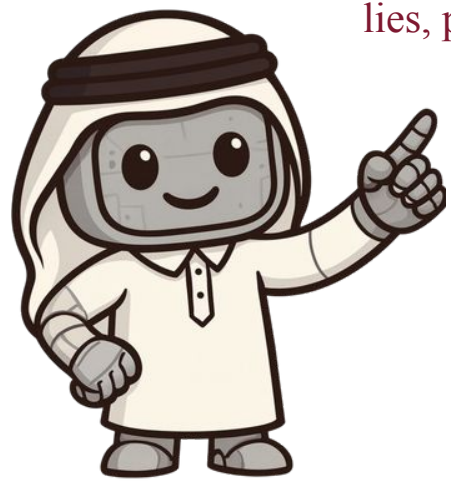
CHALLENGE

AI-generated images or “deepfakes” are popping up everywhere and making us doubt what we see online like in:



AI generated images are also used to spread lies, pretend to be real people, or trick others.

The goal of our project is to develop a simple, engaging tool that detects AI generated photos and helps users stay safe from misinformation.



METHODOLOGY

1 Research Proper Programming Language (Python)

- It simplifies image pre processing, model training, and web integration.
- It’s fast to prototype and highly versatile across platforms and use cases.



2 Create and Research AI-Generated Media (Images)

- To train and test the detection system, we needed examples of both real and AI-generated images.



3 Create Certain Detection Rules

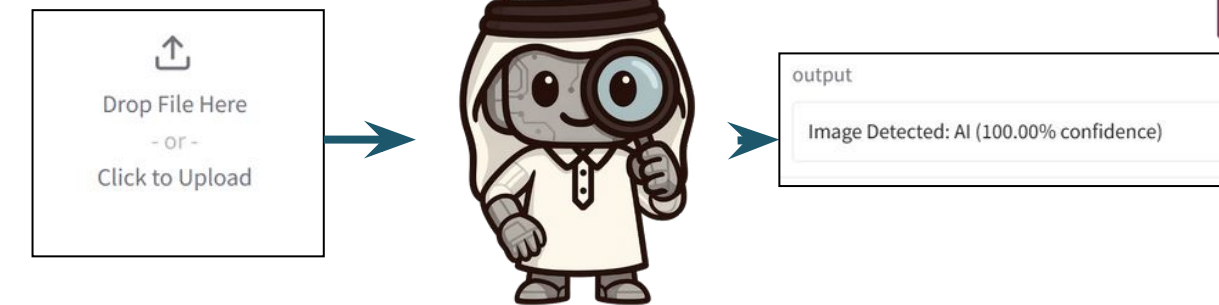
- Meta Data Analysis: Real photos usually contain metadata like camera info, GPS, or timestamps.
- Reality Defender API: Uses Reality Defender’s REST API to cross-check media authenticity and enhance accuracy.



المخيم الشبابي للأمن السيبراني
Cyber Security Youth Camp

SOLUTION

- Kashif: a user-friendly detector that tells you in seconds if a photo is real or AI-generated.
- each upload gets a “Human” or “AI” tag plus a confidence percentage.



100% automated detection, no human intervention required.



Instant results delivered in real time.



الوكالة الوطنية للأمن السيبراني
National Cyber Security Agency