The MeVer Toolset for Tackling Media Disinformation

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http://mever.iti.gr/

Overview

Misleading media content in social media platforms is an emerging issue: in MeVer, we build tools and services that assist with the mitigation of different aspects of the media-based disinformation challenge, including among others the detection DeepFakes and image tampering using forensics, analysis of the context of online media, near- and partial-duplicate video search, detection of depicted locations in images based on the visual content, and analysis and visualization of online interaction and information sharing networks.

Analysis of Media Online Context

Context Aggregation and Analysis: A tool that facilitates the verification of user-generated image and video with contextual clues

- Item description (title, upload time, etc.)
- Comments
- Account description (name, creation date, etc.)

https://caa.iti.gr

Image Forensics and DeepFake Detection

Image Verification Assistant
https://mever.iti.gr/forensics/

DeepFake detection
https://mever.iti.gr/deepfake

Visual Location Estimation and Near Duplicate Search

A tool that aims to detect the location depicted in an image based on the visual content.

https://mever.iti.gr/location

Network Analysis and Visualization

A tool that helps users delve into social media conversations, gain insights about how (dis)information propagates, and provide intuition about communities formed via interactions.

Supports:
- Twitter graphs
- Facebook graphs (from CrowdTangle)

https://networkx.iti.gr/