

Fake News Analysis Report

Query ID: query_53c420e9

VERDICT: FAKE NEWS

Query News Sample



"UBC is loacated in US"

Top Visual Evidence



"I have no problem with that or I don't have any problem with that?"

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Final Unified Reasoning

- Detailed Reasoning:

The overwhelming evidence points towards the news post being fake. The strongest indicator is **Evidence 3 (Web Search)**, which assigns a "LIKELY FAKE" classification with a very low support score (0.0). This signifies that web searches strongly refute the claim that UBC is located in the US; it is consistently and definitively identified as being in Vancouver, British Columbia, Canada.

- Arguments FOR FAKE Classification:

- **Strong Web Search Refutation (Evidence 3):** The web search results provide concrete, factual evidence contradicting the claim. This is the most significant piece of evidence.

- **Entity Mismatch (Evidence 1 & 2):** Both the image-text and image-image analyses highlight a fundamental mismatch in entities. The image clearly depicts a location consistent with UBC in Canada, while the text incorrectly places it in the US. The image-image comparison further reinforces this by showing a completely unrelated entity (a company logo) with no connection to the UBC landscape.

- **Sentiment Mismatch (Evidence 1 & 2):** The positive, serene sentiment of the image clashes with the neutral, and potentially misleading, nature of the false claim in the text.

- Arguments AGAINST FAKE Classification (Weak):

- There's no direct visual manipulation evident in the image itself (Evidence 2). The image appears to be a genuine photograph of a recognizable location. However, this doesn't negate the false claim made in the accompanying text.

- The image-text analysis shows a slight sentiment mismatch, but this is a minor point compared to the factual inaccuracy of the text.

- Confidence Level: High. The combination of a strong web search refutation, clear entity mismatches, and sentiment inconsistencies leaves little room for doubt regarding the falsity of the news post. The web search provides the definitive factual basis for the classification.

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Image vs. Text Analysis (Query)

Okay, let's analyze the image and text according to the provided instructions.

STEP 1: Sentiment Alignment

1. Text Sentiment: The text "UBC is located in US" is neutral, but contains an incorrect statement. It doesn't express any particular emotion, but the factual error introduces a slightly negative tone due to its inaccuracy.

2. Image Sentiment: The image depicts a beautiful sunset over a landscape with a prominent clock tower. The warm colors of the sunset, the serene water, and the lush greenery evoke a sense of peace, tranquility, and beauty. It has a positive and calming sentiment.

3. Comparison:

- Classification: Sentiment Mismatch

- Reasoning: The text is neutral/slightly negative due to the factual error, while the image conveys a positive and peaceful sentiment. These sentiments are not aligned.

STEP 2: Entity Consistency

1. Text Entities: "UBC" (University of British Columbia), "US" (United States).

2. Image Entities: The image clearly shows a clock tower, which is a recognizable feature of the University of British Columbia (UBC) campus. However, it does not depict the United States. It appears to be a landscape in Canada.

3. Comparison:

- Classification: Entities Mismatch

- Reasoning: While the image contains a visual representation of UBC (the clock tower), it does not depict the United States. The text incorrectly states UBC's location.

STEP 3: Event/Action Consistency

1. Text Event/Action: The text states a location (UBC being in the US). This is a declarative statement, not an action or event.

2. Image Depiction: The image depicts a scene of a sunset over a landscape with a university building. It shows a moment in time - a sunset.

3. Comparison:

- Classification: Event/Action Ambiguous/Unverifiable

- Reasoning: The text doesn't describe an event or action. The image depicts a sunset, which is unrelated to the text's claim about location.

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STEP 4: Final Judgment

- Judgment: FAKE
- Brief Reasoning: The image and text are inconsistent and untruthful. The Entity Consistency analysis clearly demonstrates a mismatch, as the image depicts a location in Canada (UBC) while the text claims it's in the US. The Sentiment Mismatch further reinforces the disconnect. The factual error in the text is the primary reason for this judgment.

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Query Image vs. Evidence Image Analysis

Okay, let's analyze the two images step-by-step.

- STEP 1: Sentiment Alignment

1. Image 1 Sentiment: The image of the clock tower at sunset evokes a sense of tranquility, peace, and perhaps a touch of nostalgia. The warm colors of the sunset and the serene landscape contribute to a positive and calming sentiment.

2. Image 2 Sentiment: The image of "text ranch" with people in the background has a corporate, professional, and somewhat neutral sentiment. It doesn't convey strong emotions.

3. Comparison:

- Classification: Sentiment Mismatch

- Reasoning: Image 1 has a peaceful, serene, and positive sentiment, while Image 2 has a neutral, corporate feel. The emotional tones are quite different.

- STEP 2: Entity Consistency

1. Entities in Image 1: The primary entity is a clock tower, likely located on a university campus (based on the surrounding buildings and landscape). The location is likely a recognizable landmark.

2. Entities in Image 2: The entity is "text ranch," a company name. There are no visual cues to connect it to the clock tower or the landscape in Image 1.

3. Comparison:

- Classification: Entities Mismatch

- Reasoning: The images feature entirely different entities. Image 1 focuses on a physical location, while Image 2 focuses on a company.

- STEP 3: Event/Action Consistency

1. Event/Action in Image 1: The image depicts a scenic view of a clock tower at sunset. The main action is the passage of time, symbolized by the clock faces.

2. Event/Action in Image 2: The image shows a company logo and people, suggesting a business or promotional context. There's no clear action depicted.

3. Comparison:

- Classification: Event/Action Mismatch

- Reasoning: Image 1 shows a natural scene and the concept of time, while Image 2 presents a corporate branding image. The events/actions are unrelated.

- STEP 4: Final Judgment

- Judgment: FAKE

- Brief Reasoning: All three analyses (Sentiment, Entities, and Event/Action) indicate a significant mismatch between the images. The images have different sentiments, feature different entities, and depict unrelated events. This suggests the pairing is likely misleading or manipulated, as there's no

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logical connection between a clock tower at sunset and a company logo.

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Text vs. Text Factual Consistency Analysis

Evidence Snippet #1

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B is a conversational response and does not provide any information about the location of UBC or confirm or deny the claim in Sentence A. They refer to different facts.

Evidence Snippet #2

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B is just 'Cic', which is not a statement about UBC's location. They refer to different facts.

Evidence Snippet #3

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B, which is the 'About' page for the University of British Columbia, implies UBC is located in British Columbia, Canada. These are different locations, therefore the sentences describe different facts.

Evidence Snippet #4

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B simply states 'State'. These are unrelated facts; Sentence B does not confirm or deny the location of UBC.

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Text vs. Text Analysis (cont.)

Evidence Snippet #5

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B is a question 'Who Is He?' and does not provide any information about the location of UBC or any related facts. They refer to different topics.

Evidence Snippet #6

Factual Score: 0

Rationale: Sentence A states that UBC is located in the US. Sentence B asks about the procedure for removing a judge. These are unrelated topics and do not share any factual information.

Evidence Snippet #7

Factual Score: 0

Rationale: Sentence A states that UBC is located in the US. Sentence B discusses guarantee schemes. These are unrelated facts.

Evidence Snippet #8

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B is a random string of text and does not provide any information about the location of UBC. Therefore, they refer to different facts.

Evidence Snippet #9

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B discusses avoiding complexities in ties, which is unrelated to the location of UBC. They refer to different facts.

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Text vs. Text Analysis (cont.)

Evidence Snippet #10

Factual Score: 0

Rationale: Sentence A claims UBC is located in the US. Sentence B refers to the United States Department of State, a government agency. These are different facts; one is about a location and the other about a government entity. They are not the same real-world situation.