

# Fake News Analysis Report

Query ID: query\_9c2f05c8

## VERDICT: FAKE NEWS

### Query News Sample



"University of British columbia is in canada"

### Top Visual Evidence



"About UBC | The University of British Columbia"

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## Final Unified Reasoning

- Detailed Reasoning:

The final classification is FAKE, with a high degree of confidence (High). This determination is primarily driven by the low support score (0.1) from the web-based claim verification (Evidence 3). This indicates a significant lack of corroborating evidence online to support the statement "University of British Columbia is in Canada." While this might seem trivial, the web search provides a strong indication that the claim is false or misleading.

Here's a breakdown of how the other evidence contributed to this conclusion:

- Arguments FOR FAKE Classification:

**Evidence 3 (Web Search - Strongest):** The low support score from the web search is the most compelling piece of evidence. It suggests the claim is not widely accepted or supported by reliable sources.

**Evidence 2 (Image-Image - Moderate):** The image-image analysis revealed a mismatch in entities (the clock tower's absence in the second image) and event/action focus. This suggests the images are not a consistent representation of the same scene, further undermining the claim's credibility.

**Evidence 1 (Image-Text - Minor):** The sentiment mismatch between the neutral text and the positive image is a minor inconsistency, but it adds to the overall sense that something is amiss.

- Arguments AGAINST FAKE Classification:

**Evidence 1 (Image-Text - Minor):** The entity alignment in the image-text analysis is a point in favor of the claim. The clock tower is a recognizable landmark of the University of British Columbia, and the landscape appears consistent with Canada. However, this is overshadowed by the lack of external verification.

In conclusion, while the image itself might depict a location within Canada and feature a UBC landmark, the lack of supporting evidence from web searches and the inconsistencies between the two images strongly suggest that the news post is fabricated or misleading. The web search result carries the most weight, leading to a definitive FAKE classification.

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## Image vs. Text Analysis (Query)

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

### STEP 1: Sentiment Alignment

**1. Text Sentiment:** The text "University of British Columbia is in Canada" is purely factual and neutral. It conveys no emotional tone.

**2. Image Sentiment:** The image depicts a clock tower at sunset with a scenic view of mountains, water, and greenery. The warm colors of the sunset and the peaceful landscape evoke a sense of tranquility, beauty, and perhaps even awe. It's a positive and serene image.

**3. Comparison:**

- Classification: Sentiment Mismatch
- Reasoning: The text is neutral and factual, while the image conveys a positive and serene emotional tone. They don't align in sentiment.

### STEP 2: Entity Consistency

**1. Text Entities:** The entities mentioned are "University of British Columbia" and "Canada."

**2. Image Entities:** The image shows a clock tower that is a prominent feature of the University of British Columbia's campus. The background clearly shows a landscape that is consistent with the geography of Canada (mountains, water, trees).

**3. Comparison:**

- Classification: Entities Aligned
- Reasoning: The image visually represents the University of British Columbia (through the clock tower) and the Canadian landscape.

### STEP 3: Event/Action Consistency

**1. Text Event/Action:** The text states a location - a simple declaration of fact. There is no event or action described.

**2. Image Depiction:** The image depicts a static scene - a clock tower and a landscape at sunset. There's no discernible event or action taking place.

**3. Comparison:**

- Classification: Event/Action Ambiguous/Unverifiable
- Reasoning: Neither the text nor the image describes a specific event or action. They both present static information.

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## STEP 4: Final Judgment

- Judgment: TRUE
- Brief Reasoning: While the sentiment analysis shows a mismatch, the entity analysis strongly supports the text's claim. The image clearly depicts a recognizable landmark of the University of British Columbia within a Canadian setting. The lack of an event in either the text or image makes the event/action analysis inconclusive, but doesn't detract from the overall truthfulness of the pairing. The entity alignment is the most significant factor in determining the truthfulness.

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## Query Image vs. Evidence Image Analysis

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

- STEP 1: Sentiment Alignment
  - **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 expansive view create a positive and serene atmosphere.
  - **Image 2 Sentiment:** Both images show a landscape with a similar color palette and a sense of openness. The overall feeling is calm and peaceful, though slightly less vibrant than Image 1.
  - **Comparison:** Sentiment Aligned
  - **Reasoning:** Both images share a similar peaceful and serene sentiment, conveyed through the warm lighting and expansive landscapes.
- STEP 2: Entity Consistency
  - **Entities in Image 1:** The most prominent entity is the clock tower, which appears to be a landmark building. The surrounding landscape includes trees, a body of water, and what appears to be a campus or town.
  - **Entities in Image 2:** The landscape in Image 2 is similar to that in Image 1, with trees, a body of water, and a town or campus. However, the clock tower is not visible.
  - **Comparison:** Entities Mismatch
  - **Reasoning:** While the general landscape is similar, the key entity – the clock tower – is absent in Image 2.
- STEP 3: Event/Action Consistency
  - **Event/Action in Image 1:** The image depicts a scenic view of a clock tower at sunset, likely capturing a moment of quiet beauty and possibly symbolizing the passage of time.
  - **Event/Action in Image 2:** The image shows a panoramic view of a town or campus landscape, likely capturing a general scene of the area.
  - **Comparison:** Event/Action Mismatch
  - **Reasoning:** Image 1 focuses on a specific landmark and a particular time of day (sunset), while Image 2 presents a broader, more general view of the location.

- STEP 4: Final Judgment
  - **Judgment:** FAKE
  - **Brief Reasoning:** While the sentiment is aligned, the significant mismatch in entities (the clock tower) and the differing event/action focus strongly suggest that the images are not a truthful representation of each other. The images likely depict the same general location but are presented in a way that could be misleading if intended to show the same scene. The absence of the clock tower in Image 2 is a key indicator of this discrepancy.

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## Text vs. Text Factual Consistency Analysis

### Evidence Snippet #1

**Factual Score:** 1

**Rationale:** Both sentences state that the University of British Columbia (UBC) is located in Canada. Sentence B, being the 'About' page for UBC, implicitly confirms this fact.

### Evidence Snippet #2

**Factual Score:** 0

**Rationale:** Sentence A states a fact about the location of the University of British Columbia. Sentence B is a link to a website providing information about the university's rankings, fees, and courses. While both relate to the same institution, Sentence B does not restate or confirm the factual claim made in Sentence A (that the university is in Canada). It provides additional details but doesn't directly align with the original statement.

### Evidence Snippet #3

**Factual Score:** 0

**Rationale:** Sentence A states a location (University of British Columbia is in Canada). Sentence B discusses the university's rankings. These are different facts; one is about location, the other about academic standing.

### Evidence Snippet #4

**Factual Score:** 0

**Rationale:** Sentence A states a location (University of British Columbia is in Canada). Sentence B refers to rankings of the university. These are different facts; one is about location, the other about academic standing.

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## Text vs. Text Analysis (cont.)

### Evidence Snippet #5

**Factual Score:** 0

**Rationale:** Sentence A states a fact about the location of the University of British Columbia (it is in Canada). Sentence B refers to the university's ranking. These are different facts; one is about location, the other about ranking.

### Evidence Snippet #6

**Factual Score:** 0

**Rationale:** Sentence A states that the University of British Columbia is in Canada. Sentence B refers to the United States Department of State, which is a completely different entity and topic. They do not describe the same real-world facts.

### Evidence Snippet #7

**Factual Score:** 0

**Rationale:** Sentence A states a geographical fact (University of British Columbia is in Canada). Sentence B is a conversational response and does not contain any factual information related to the location of the university. They refer to different topics.

### Evidence Snippet #8

**Factual Score:** 0

**Rationale:** Sentence A states a fact about the location of the University of British Columbia. Sentence B asks a question about an unspecified person, and does not relate to the location of the university. Therefore, they describe different facts.

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## Text vs. Text Analysis (cont.)

### Evidence Snippet #9

**Factual Score:** 0

**Rationale:** Sentence A states that the University of British Columbia is in Canada. Sentence B is an abbreviation 'Cic' which does not provide any information about the location of the University of British Columbia. Therefore, they refer to different facts.

### Evidence Snippet #10

**Factual Score:** 0

**Rationale:** Sentence A states a fact about the University of British Columbia's location (Canada). Sentence B refers to the Geneva Protocol, which is a completely different topic (an international treaty). They do not describe the same real-world situation.