



Effectively Integrating AI with Hypothes.is

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Land Acknowledgement

Your Facilitators



Julia Gray is located on the Songhees and Kosapsum First Nations, of the lək wəŋən speaking people



Emily Schudel located on the traditional lands of the lək wəŋən speaking people, the Songhees and Kosapsum.

Session overview

- Introductions
- Poll - what do you know already?
- What is Hypothes.is and what is an annotation?
- Assignment Examples
- LMS integration
- Automatic marking (rubrics)
- Framing annotations
- AI Integration
- Playtime in break-out groups (2 rounds of play)
- Debrief

Introductions

In the chat, **don't press enter yet...**

1. Type your name,
2. Institution (if relevant), and
3. The traditional territory you are coming from today

Together, all at once, click enter

Zoom Poll

What do you know
about Hypothes.is?



Photo by [Nathan Bingle](#) on [Unsplash](#)

What is Hypothes.is?

- Annotation tool used to engage students in a reading, text, video/audio transcript, etc.
- Anyone can highlight information then add an annotation to expand, question, comment or bring any insights to light

rdpp/03-18/). They've worked with browser vendors to produce a number of additions to the HTML specification, specifically some attributes to make our images a bit more intelligent.

To begin, let's look at our dear friend, the humble `img` element:

```

```



p. 19

They've worked with browser vendors to produce a number of additions to the HTML specification, specifically some [More](#)

When using descriptive code for photos, how much descriptive text should we be using? a couple of words or should I be trying to keep it more brief?

What is an annotation?

Provide instructions for students to guide their interaction.

An annotation can be:

- Any action that purposefully interacts with the text
- Research, promote deeper understanding, greater recollection, critical engagement, and community building.
- Tagged to provide context
 - Q for a question
 - I for something interesting
 - C for something confusing
 - S for something surprising
 - R if you are adding additional research, like a link, image, graphic, article, etc.
 - L if you love what was written

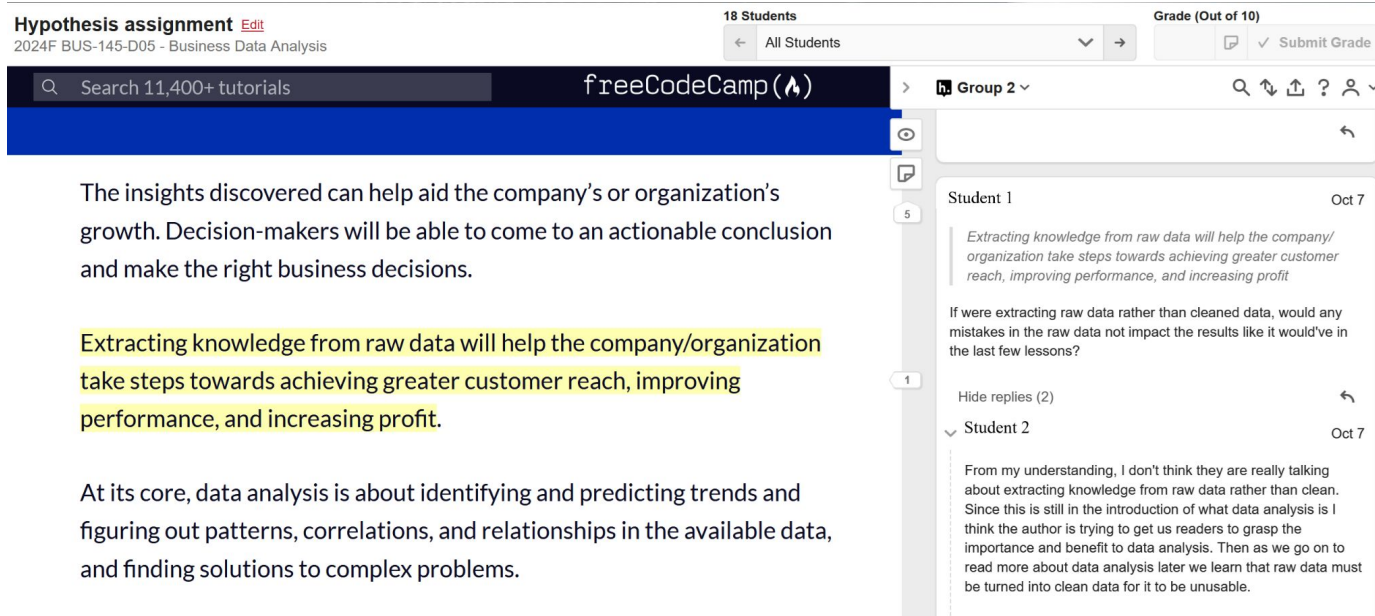
Assignment ideas

- Ask students to annotate lecture slides before or after class with questions or connections to the course text.
- Connect concepts in course materials to real-life examples and explain the connection.
- Identify key issues and details in case studies and why they were chosen; define essential terms and concepts.
- Embed external resources or videos illustrating concepts or examples from current events.
- Make predictions when reviewing cases; evaluate or offer potential solutions.
- Ask questions or define difficult vocabulary.

Source: <https://web.hypothes.is/hypothesis-social-annotation-across-disciplines/>

Learning Management System (LMS) Integration

Hypothes.is integrates with most LMS



Hypothesis assignment [Edit](#)
2024F BUS-145-D05 - Business Data Analysis

18 Students | All Students | Grade (Out of 10) | Submit Grade

Search 11,400+ tutorials | freeCodeCamp

Group 2

Student 1 | Oct 7

Extracting knowledge from raw data will help the company/ organization take steps towards achieving greater customer reach, improving performance, and increasing profit

If were extracting raw data rather than cleaned data, would any mistakes in the raw data not impact the results like it would've in the last few lessons?

Hide replies (2)

Student 2 | Oct 7

From my understanding, I don't think they are really talking about extracting knowledge from raw data rather than clean. Since this is still in the introduction of what data analysis is I think the author is trying to get us readers to grasp the importance and benefit to data analysis. Then as we go on to read more about data analysis later we learn that raw data must be turned into clean data for it to be unusable.

The insights discovered can help aid the company's or organization's growth. Decision-makers will be able to come to an actionable conclusion and make the right business decisions.

Extracting knowledge from raw data will help the company/organization take steps towards achieving greater customer reach, improving performance, and increasing profit.

At its core, data analysis is about identifying and predicting trends and figuring out patterns, correlations, and relationships in the available data, and finding solutions to complex problems.

Video showing Blackboard integration: <https://www.youtube.com/watch?v=nEp7T2e9yho>

Hypothesis assignment [Edit](#)

2025W ABT-270-D01 - Maintaining Online Presence

34 Students

Grade (Out of 12)

All Students

Submit Grade

2 of 34

Automatic Zoom

Group 3

Annotations 9 Page Notes

beyondness. A pushing past the familiar, a commitment to the unknown, a thrill in the feeling of having your face smooshed up against the outer edges of your understanding and assumptions. An openness to be humbled. At some point in my twenties, when I was road-worn and struggling to find a career path (or any path or purpose at all), a book of Rumi poetry found its way to me, and something lit me up: "What you seek is seeking you." Six words inside of quotation marks made me feel less alone, like my efforts weren't in isolation or in vain, because somewhere on the other side of my understanding, that object of my hopefulness was also working through the mud and muck to move toward me.

When I uphold Rumi's truth in my own life, I imagine that object of my hopefulness always moving in my direction so that wherever and whenever we meet, it will always be at the halfway mark. In this way, my efforts toward kindness or achievement or love are always doubled, and my moments of laziness, self-doubt, envy, or greed are doubled too. Paulo Freire, the late Brazilian educator-activist who coined "critical hope," identified a spirit of seeking in his philosophy of hope: "Hope is rooted in men's incompleteness, from which they move out in constant search."² More than this quote betrays, however, Freire's conceptualization of hope (and, indeed, his entire life's work in education) was rooted in the quest for liberation from oppression. To

Student 1

Jan 8

p. 2

A pushing past the familiar, a commitment to the unknown,

https://www.canva.com/design/DAGbe_2GG5Y/PpUYLthQYNc4det6OV_WTg/edit?utm_content=DAGbe_2GG5Y&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

I decided to choose this phrase because it captures the essence of what it means to step outside your comfort zone and embrace change, growth, and exploration.

Show replies (1)

Student 2

Jan 13

p. 2

What you seek is seeking you.

https://www.canva.com/design/DAGcISxzHs/b4VrYbAGN-KKC5MshTgpdA/edit?utm_content=DAGcISxzHs&utm_campaign=designshare&utm_medium=link2&utm_source=sharebutton

This phrase stands out for me as it reflects the idea that the goals I chase are not random they are based on my life and my decisions. It encourages me to look at the bright side of things and to trust

Automatic marking

- Options for automatic participation marking is available.
- Custom feedback can still be given.

Assignment details

ASSIGNMENT CONTENT *PDF file in D2L* [Change](#)

AUTO GRADING Enable automatic participation grading

Grading type

Proportional
3 annotations out of 4 is 75%

All or nothing
3 annotations out of 4 is 0%

Activity calculation

Calculate cumulative
Annotations and replies tallied together.

Calculate separately
Annotations and replies tallied separately.

Annotations and replies **GOAL** 4

GROUP ASSIGNMENT This is a group assignment

GROUP SET
Reading Groups

Save

There has been some activity in Hypothesis

Hi,

10 of your students made 36 new annotations in 3 courses.

2024F ABT-294-001 - Website Design & Maintenance

1 student made 2 new annotations in this course.

Hypothesis assignment

1 student made 2 new annotations in this assignment.

2024F BUS-145-D05 - Business Data Analysis

7 students made 30 new annotations in this course.

Hypothesis assignment

5 students made 20 new annotations in this assignment.

Hypothesis assignment

3 students made 10 new annotations in this assignment.

2024F ABT-270-D01 - Maintaining Online Presence

2 students made 4 new annotations in this course.

Social Annotation 7: Perspectives of Social Media Ads

2 students made 4 new annotations in this assignment.

Emails

- When integrated into LMS
- After significant activity

Annotations often start with a question...

Let's look at how to harness AI to expand on a question posed by the instructor.

CoPilot [OpenAI 4.4] Prompt: **Develop some questions to critically engage with the text: "what is data analysis?" from the text:**

<https://www.freecodecamp.org/news/what-is-data-analysis/>?



Copilot

Sure! Here are some questions to help critically engage with the text on "what is data analysis":

1. Understanding the Basics:

- What are the primary goals of data analysis as described in the text?
- How does the text define the process of transforming raw data into meaningful insights?

2. Importance and Applications:

- Why is data analysis considered crucial for businesses and organizations?
- Can you think of any real-world examples where data analysis has significantly impacted decision-making?

3. Steps in Data Analysis:

- What are the key steps involved in the data analysis process according to the text?
- How does each step contribute to the overall goal of extracting useful information?



4. Skills and Tools:

- What skills are highlighted as essential for successful data analysis?
- How do tools like SQL, Python, and data visualization software aid in the data analysis process?

5. Critical Thinking:

- Are there any potential challenges or limitations in the data analysis process that the text does not address?
- How might the quality of data impact the outcomes of data analysis?

6. Application and Reflection:

- How can the principles of data analysis be applied to a field or industry you are interested in?
- Reflect on a situation where data analysis could have improved the outcome. What steps would you take based on the text?

These questions should help deepen your understanding and encourage a more critical engagement with the content on data analysis.



2 of 30 responses

AI-generated content may be incorrect

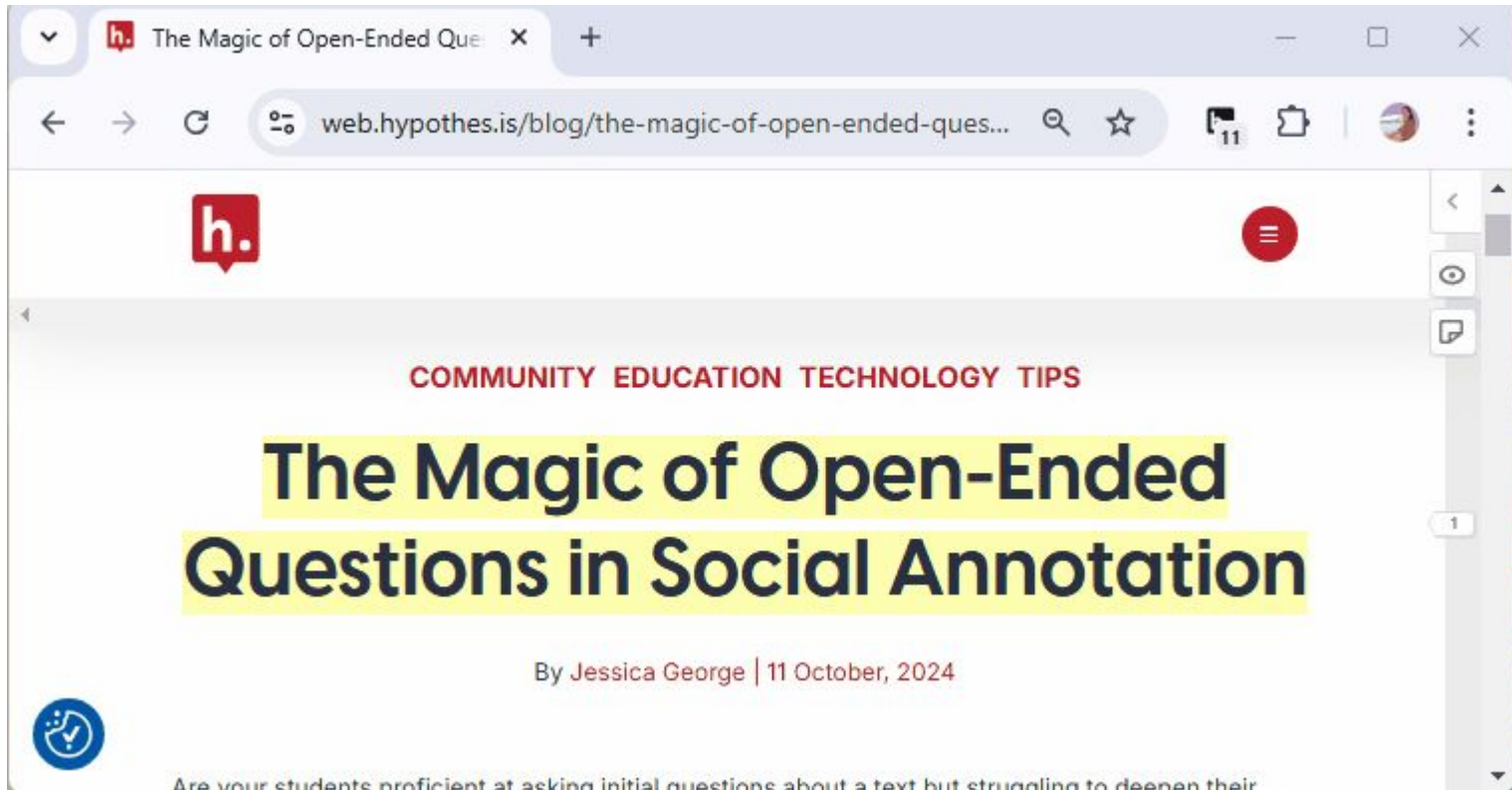
What are some common pitfalls in data analysis?

Can you provide examples of biases that can affect data analysis results?

How does the text address ethical considerations in data analysis?

Public annotations

Select your group!



The screenshot shows a web browser window with the following elements:

- Browser Tab:** "The Magic of Open-Ended Que..."
- Address Bar:** "web.hypothes.is/blog/the-magic-of-open-ended-ques..."
- Page Header:** The Hypothesis logo (a red square with a white 'h.') is on the left, and a red circular menu icon is on the right.
- Section Header:** "COMMUNITY EDUCATION TECHNOLOGY TIPS" in red, followed by the main title "The Magic of Open-Ended Questions in Social Annotation" in large black font. The title is highlighted with a yellow background.
- Author/Date:** "By Jessica George | 11 October, 2024" in red text.
- Footer:** A blue circular icon with a white checkmark and a question mark, followed by the text "Are your students proficient at asking initial questions about a text but struggling to deepen their".

Let's Play! Round 1 (30 min)

1. Open Chrome and enable the Hypothes.is extension - login, if needed.
2. In Chrome, go to article provided in the chat. Read/Skim it (5 min)
3. You will be sent out into breakout groups, to annotate the text.
4. Select your **breakout group #** in hypothesis before contributing.
5. Annotate the text by answering: **For you, what is the most valuable aspect of social annotation to support teaching according to this article, and why?**
6. Discuss how that went and any observations within your group.
7. Come back to the main room to talk about any insights you gained.

Let's Play! Round 2 (20-30 min)

1. Go to your favorite AI tool and ask it to enhance the question you explored in Round 1 (**For you, what is the most valuable aspect of social annotation to support teaching according to this article, and why?**)
2. In your groups, share the prompts and how effective the AI integration was.
3. Return to the main room for a final debrief:

In one word, what was the most interesting thing you discovered?

A photograph of a person walking on a sandy beach. The person is wearing dark shorts and is barefoot. The sand is wet and reflective, showing the person's shadow. In the background, waves are crashing onto the shore, creating white foam. The overall scene is bright and sunny.

Did you get a little sandy?

1. For you, what is the most valuable aspect of social annotation to support teaching according to this article, and why?
2. What challenges do you see in using a social annotation tool like Hypothes.is to support student learning?
3. What questions do you still have about social annotation that this article does not address?

Share your responses in: [Did you get a little sandy?](#) [Google Doc]