

ChatGPT/Bing Chat Exercise

Exercise Purpose:

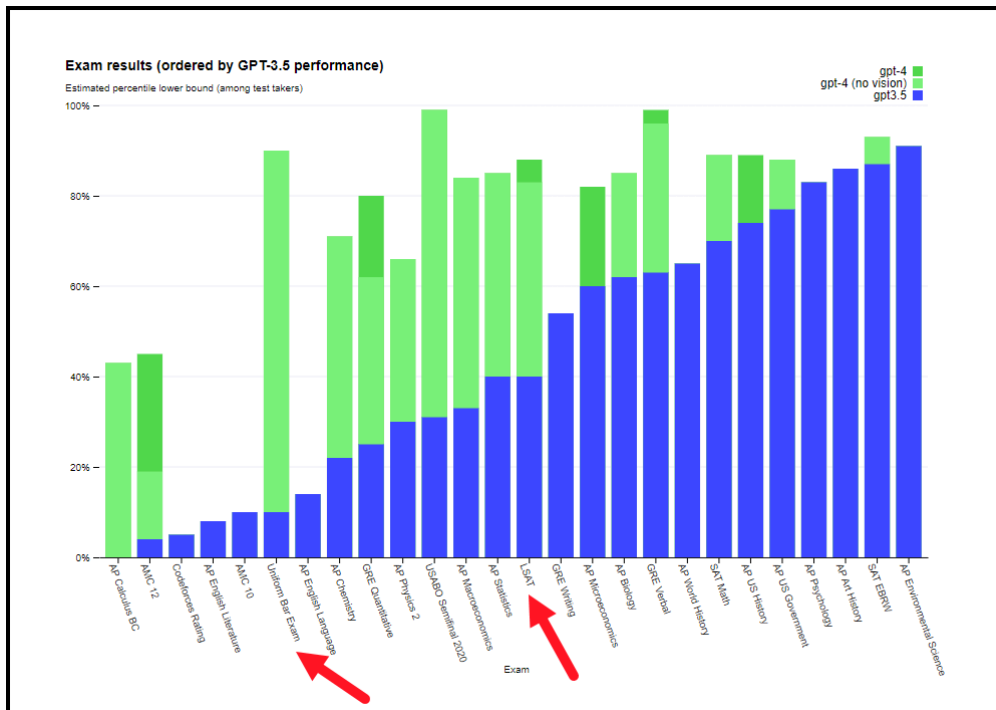
The purpose of this exercise is to explore and evaluate the AI text generating ChatGPT and Bing Chat.

Things are happening fast in the world of AI text generators such as ChatGPT and Bing Chat.

ChatGPT-3.5, released in November 2022, has since been updated to version 4 for premium customers. This latest version is being hailed as a significant leap forward from the initial release. While ChatGPT-3.5 scored poorly on the UBE bar exam test and received an average score on the LSAT, ChatGPT-4 recently surpassed the scores of most humans on both exams by [scoring in the top 10% for both](#). This represents a rather quick and significant improvement in AI language processing capabilities and highlights the potential for AI to assist in legal research and analysis.

Bing Chat, which uses GPT-4 technology, is now available to everyone without the need to get on a waiting list.

To find out more about using ChatGPT and Bing Chat for legal research, consult the library's [research guide](#).



Part 1: ChatGPT-3.5

1. Remember the question from last week on your exercise about the law of cesarean sections and midwives in Arizona? You are going to ask ChatGPT to research Arizona statutes and regulations and write a conclusion on the topic, and then evaluate its response.

Sign up for [ChatGPT](#) and then use the following as your prompt (aka question):

I have a question involving Arizona laws and regulations about midwives and cesarean sections. A midwife works for a hospital. She has a client who is about to have a baby who just disclosed that she has had two previous Cesarean sections. Can the midwife handle the delivery herself or does she need to transfer her client to a doctor? Please provide a detailed answer to the question and cite all relevant Arizona statutes and regulations in support of your assertions.

- a. Cut and paste ChatGPT's response here:

Type your answer here: Student answers will vary.

- b. For each statute and regulation cited in ChatGPT's answer, answer the following questions:

1. Are any statutes/regulations (including subsections) correctly cited?

Type your answer here:

The correct citations were A.A.C. R9-16-108(B)(1) and A.A.C. R9-16-111(C)(1)(a). The answer that I got from ChatGPT 3.5, and all the answers you students retrieved, didn't include both, and usually didn't include either.

2. Did ChatGPT accurately describe the content of the regulation?

Type your answer here:

Even though generally ChatGPT failed to cite either regulation, it did generally accurately summarize one or both.

- c. There were two relevant regulations about midwives and Cesarean sections - A.C. R9-16-108(B)(1) (Except as provided A.A.C. R9-16-111, a midwife may accept a client who has had a previous cesarean section) and A.A.C. R9-16-111(C)(1)(a) (a midwife shall not perform a vaginal delivery for a client who has more than

one previous Cesarean section). Did ChatGPT's response include both regulations?

Type your answer here:

The answer that I got from ChatGPT 3.5, and all the answers you students retrieved, didn't include both, and usually didn't include either.

- d. Based on the knowledge you gained about the topic by researching the answer last week, how accurate and useful do you find ChatGPT's response?

Type your answer here:

I found that even though it didn't correctly cite the regulations, ChatGPT generally correctly explained the law and arrived at the right conclusion.

- e. Do you agree or disagree with the following statement? Information from AI text generators like ChatGPT is just like information from the internet or any legal secondary source. It is a good place to start your research, but you still have to verify and update all information, and conduct additional research to make sure that no additional relevant information or primary materials are missed.

Type your answer here:

Student answers will vary.

Part 2: Bing Chat

Purpose of Questions: To explore and evaluate the capabilities of Bing Chat.

2. You are going to ask Bing Chat the same question and evaluate its answer. With Bing Chat, you can choose between three different conversational styles: *More Creative*, *More Balanced*, and *More Precise*. For legal questions, Bing Chat may sometimes refuse to provide an answer and instead advise you to consult a lawyer. In such cases, trying a different conversational style might prove helpful in obtaining the desired information. (**Note from Sarah:** For me, it seems more likely to answer when I use the *More Creative* style.)

Sign in to [Bing Chat](#) and then use the following as your prompt (aka question):

I have a question involving Arizona laws and regulations about midwives and cesarean sections. A midwife works for a hospital. She has a client who is about to have a baby who just disclosed that she has had two previous Cesarean sections. Can the midwife

handle the delivery herself or does she need to transfer her client to a doctor? Please provide a detailed answer to the question and cite all relevant Arizona statutes and regulations in support of your assertions.

- a. Cut and paste Bing Chat's answer here:

Type your answer here:

This is the answer I got on 4.3.2023:

According to Arizona Administrative Code Title 9 Health Services Chapter 16 Department of Health Services Occupational Licensing Article 1 Licensing of Midwifery Section R9-16-108 Responsibilities of a Midwife; Scope of Practice, a midwife shall provide midwifery services only to a woman who does not have any of the conditions specified in R9-16-111(B) through (E) or another condition that may increase the risk of harm to the woman or the woman's fetus or newborn during pregnancy or labor, as determined through a physical assessment and review of the woman's medical records⁵.

Section R9-16-111 Prohibited Practice; Transfer of Care states that a midwife shall not provide midwifery services in a location that has the potential to cause harm to the client or the client's child fetus or newborn. A midwife shall not accept as a client for midwifery services a pregnant women who has any of the following: 1. A previous cesarean section with a classical incision; 2. A previous cesarean section with a vertical incision; 3. Two previous cesarean sections; 4. A history of uterine rupture; 5. A history of other uterine surgery that increases the risk of uterine rupture⁶.

Based on these regulations, it seems that if your midwife determines that your client has any of these conditions, she would need to transfer her client to an OB-GYN physician for delivery⁵⁶.

Source: Conversation with Bing, 4/3/2023(1) Section R9-16-108 - Responsibilities of a Midwife; Scope of ... - Casetext.

<https://casetext.com/regulation/arizona-administrative-code/title-9-health-services/chapter-16-department-of-health-services-occupational-licensing/article-1-licensing-of-midwifery/section-r9-16-108-responsibilities-of-a-midwife-scope-of-practice> Accessed 4/3/2023.

(2) Section R9-16-111 - Prohibited Practice; Transfer of Care, Ariz. Admin
<https://casetext.com/regulation/arizona-administrative-code/title-9-health-services/chapter-16-department-of-health-services-occupational-licensing/article-1-licensing-of-midwifery/section-r9-16-111-prohibited-practice-transfer-of-care> Accessed 4/3/2023.

- (3) VBAC summary by rules or statutes 2011 - azdhs.gov.
<https://www.azdhs.gov/documents/licensing/special/midwives/committees/mspac/additional-resources/vbac-summary-other-states.pdf> Accessed 4/3/2023.
- (4) Newborns' and Mothers' Health Protection Act (NMHPA) | CMS.
https://www.cms.gov/CCIIO/Programs-and-Initiatives/Other-Insurance-Protection/nmhpfa_factsheet Accessed 4/3/2023.
- (5) Midwifery Scope of Practice by State: VBAC, Multiple Births, Breech
<https://www.azdhs.gov/documents/licensing/special/midwives/committees/mspac/additional-resources/state-laws-chart-vbac-br-mg.pdf> Accessed 4/3/2023.
- (6) AZDHS | Special Licensing - Midwives - Arizona Department of Health
<https://www.azdhs.gov/licensing/special/midwives/index.php> Accessed 4/3/2023.
- (7) Can A Midwife Perform C-Section Surgery? They're There For Support - Romper. <https://bing.com/search?q=Arizona+midwife+cesarean+section> Accessed 4/3/2023.
- (8) Can A Midwife Perform C-Section Surgery? They're There For Support - Romper. <https://www.romper.com/pregnancy/can-midwife-perform-c-section> Accessed 4/3/2023.
- (9) Midwife Glendale AZ - Arizona Maternity & Women's Clinic.
<https://arizonamaternityclinic.com/midwifery/> Accessed 4/3/2023.
- (10) Vaginal Birth After C-Section | St. Joseph's Hospital & Medical Center
<https://www.dignityhealth.org/arizona/locations/stjosephs/services/obstetrics-and-gynecology/vaginal-birth-after-cesarean> Accessed 4/3/2023.

- b. Compare Bing Chat's answer with ChatGPT's. Briefly discuss which system you think provided the better answer and why you think it is better.

Type your answer here:

Bing Chat did a better job for me because it correctly cited one of the regulations. It was kind of wishy-washy on its conclusion, though...

Part 3: Exploring Both Systems Further

Purpose of Questions: To explore and evaluate the capabilities of both systems and reflect on what you think about them.

3. When evaluating how well these systems work, it is easiest to judge them when you ask them questions about areas of law that you are familiar with. Choose some topics of interest to you that you know something about and explore the legal research/legal text generation capabilities of ChatGPT and Bing Chat.

Here are some examples of things you could ask them to do:

- Draft a sample contract, pleading, demand letter, etc.
 - Analyze a fact pattern and then draft a legal memorandum or motion
 - Draft an answer to a complaint (to do this, you have to cut and paste the complaint into the system)
 - Summarize legal information
- a. Briefly describe some of the things that you asked the systems to do and what you thought about the results.

Type your answer here:

Student answers will vary. The purpose of the questions is just to encourage students to explore the products.

- b. List one prompt you typed into either system and briefly describe what you thought about the result.

Type your answer here:

Student answers will vary. The purpose of the questions is just to encourage students to explore the products.

4. Briefly discuss whether you think that these AI language generating systems are currently useful for legal practice/legal research/legal writing/any other purpose. (**Note from Sarah:** I use ChatGPT constantly for proofreading. Also, sometimes when I feel lazy while answering email or writing boring stuff, I dictate some free-flowing garbled text and then ask ChatGPT to improve it, by saying, "Please improve: garbled garble..." ChatGPT often creates a useful draft that I can rather quickly and easily edit. I love it so much that I signed up for the premium \$20 a month system so I can access the new version – ChatGPT-4. I do not like Bing Chat that much because it tends to give a lecture about the need to consult a lawyer in response to legal questions.)

Type your answer here: Student answers will vary. The purpose of the question is just to get students to reflect on the question.

5. Briefly discuss whether you think that these AI language generating systems will be useful for legal practice/legal research/legal writing in the future.

Type your answer here: Student answers will vary. The purpose of the question is just to get students to reflect on the question.

6. After ChatGPT-4 was released last week and news spread that it did so well on the UBE, an increasing number of commentators have predicted that this type of technology will be very disruptive for legal practice and lawyers, and maybe not in a good way! Others have argued that the technology will be a boon for the legal profession by increasing efficiency and allowing lawyers to focus more on higher level and more interesting parts of legal practice. As a law student who will soon graduate into the profession, what is your opinion on this subject?

Type your answer here: Student answers will vary. The purpose of the question is just to get students to reflect on the question.

Sarah note: As for myself, I don't know what to think yet. Of course, I think that it would be great if these products lowered legal costs and made law practice easier, and of course didn't lead to lawyer unemployment, but you never know how things are going to work out.

Casetext has a new product called CoCounsel that uses GPT-4 technology, so I am excited about checking it out... <https://casetext.com/>