

Informative Presentation Topic Selection Worksheet

Student Name: Sumit Sah Section: 026

E-mail Address: bsl67@txstate.edu Presentation Topic: How Machines Learn

My informative topic is: How machines learn; Analogies with how humans learn to make it simple for a
general audience.

1. This is relevant to my audience members because:

AI has become a part of our day-to-day lives. It influences various aspects of what we see, like Netflix recommending movies we might enjoy, Amazon suggesting products based on our preferences, LLMs such as ChatGPT, and many other applications.

2. A possible initial preview statement with 3 main points:

There are three major methods of how machines learn:

1. Supervised Learning
2. Unsupervised Learning
3. Reinforcement Learning

3. Possible sources include (where will you specifically look for research?)

- "AI for Everyone" (Online Coursera Course): <https://www.coursera.org/learn/ai-for-everyone/lecture/5TPFo/machine-learning>
 - MIT Sloan: <https://mitsloan.mit.edu/ideas-made-to-matter/machine-learning-explained>

4. I will organize my speech in the following manner (circle one):

Topically Spatially Chronologically

These three methods are organized based on how commonly they're used in advancements in AI.

First, we will talk about supervised learning as it is the most commonly used method. Then, I will explain unsupervised learning, followed by reinforcement learning, an advanced and evolving area.

5. Is this topic narrow, focused, and appropriate? Defend your answer.

Yes, it is narrow and focused. While AI is a vast field, I will specifically talk about three of the most popular and widely used methods of machine learning, keeping the content concise and accessible to a general audience.