



Why Deep Learning

- 1. Deep learning is a subset of machine learning that uses multiple layers of neurons to learn from data.
- 2. It is particularly effective for tasks that require complex pattern recognition, such as image and speech recognition.
- 3. Deep learning models are able to learn hierarchical representations of data, allowing them to capture complex relationships between features.
- 4. The success of deep learning has led to significant advances in many areas of artificial intelligence, including natural language processing and robotics.
- 5. However, deep learning models are often computationally intensive and require large amounts of data and resources to train.

Presenter standing at the front of the room, gesturing towards the projection screen.

Audience members seated at tables, listening to the presentation.