

18 Lecture - CS101

Important Subjective

1. **What is Artificial Intelligence?**

Answer: Artificial Intelligence is a branch of computer science that focuses on creating intelligent machines that can perform tasks that typically require human intelligence, such as understanding natural language, recognizing objects, and making decisions.

2. **What are the different types of Artificial Intelligence?**

Answer: AI can be broadly divided into two categories: narrow or weak AI, which is designed to perform a specific task, and general or strong AI, which has the ability to perform any intellectual task that a human can.

3. **What is the difference between narrow and general AI?**

Answer: Narrow AI is designed to perform a specific task, while general AI has the ability to perform any intellectual task that a human can.

4. **What is the history of Artificial Intelligence?**

Answer: The idea of creating machines that can think and learn like humans has been around for centuries. However, it wasn't until the mid-20th century that the field of AI began to take shape.

5. **What was the Dartmouth Conference?**

Answer: In 1956, a group of computer scientists held a conference at Dartmouth College in New Hampshire to discuss the possibility of creating intelligent machines. This conference is considered the birthplace of AI.

6. **What are the potential applications of AI?**

Answer: AI has the potential to transform a wide range of industries, from healthcare and finance to manufacturing and transportation.

7. **What are some examples of how AI is being used today?**

Answer: AI is being used to develop new drugs and treatments, detect fraud, optimize

production processes, develop self-driving cars, and more.

8. **What are some of the benefits of AI?**

Answer: AI has the potential to make our lives easier, more efficient, and more productive, by automating repetitive tasks, improving decision-making, and reducing errors.

9. **What are some of the challenges associated with AI?**

Answer: Some of the challenges associated with AI include concerns about job displacement, ethical issues surrounding the use of AI, and the potential for bias in AI systems.

10. **What is the future of AI?**

Answer: The future of AI is bright, with continued advances in computing power and the development of new algorithms. As AI continues to evolve and improve, it has the potential to transform a wide range of industries and make our lives easier and more efficient.