

## Artificial Intelligence in our everyday lives

### A) Eliza and Watson:

```

Welcome to
          EEEEE LL   IIII 2222222 AAAAA
          EE   LL   II   ZZ  AA  AA
          EEEEE LL   II   ZZ  AAAAAA
          EE   LL   II   ZZ  AA  AA
          EEEEE LLLLL IIII 2222222 AA  AA

Eliza is a mock Rogerian psychotherapist.
The original program was described by Joseph Weizenbaum in 1966.
This implementation by Norbert Landsteiner 2005.

ELIZA: Is something troubling you ?
YOU:  Men are all alike.
ELIZA: What is the connection, do you suppose ?
YOU:  They're always bugging us about something or other.
ELIZA: Can you think of a specific example ?
YOU:  Well, my boyfriend made me come here.
ELIZA: Is it important to you that your boyfriend made you come here ?
YOU:  He says I'm depressed much of the time.
ELIZA: I am sorry to hear that you are depressed.
YOU:  It's true. I am unhappy.
ELIZA: Can you explain what made you unhappy ?
YOU:

```

Eliza, 1960s



Watson at Jeopardy, 2011

- What are Eliza and Watson missing to feel more human?
- What activities are computers better at than humans now? Which are humans better at than computers?
- Is it just a matter of time before computers become more intelligent than humans?
- How would you define "Artificial Intelligence"?

### B) What exactly is AI? Watch the video and write down the answers to these questions (keywords)

1. What does the AI field of science deal with?  
machines / robots that have a human like behavior  
seems to have human intelligence
2. When was the term "artificial intelligence" invented?  
1956  
they wanted to know if a computer can learn like a toddler (child like trial and error)
3. What are the factors responsible for the growth of AI in the recent years?  
more data - machines are faster in processing those data  
invests by companies because its not human like, because a machine doesnt need sleep or can get tired
4. How is AI being used now?  
searchengines, ads, siri, cortana, alexa, netflix
5. What is machine learning and how does it work?  
machines learn by experience (trial & error) out of thousands of examples and developing an algorithm  
so it gets smarter over time by itself

C) Discussion: In pairs, discuss the following points. Think of reasons and examples. Take notes.

1. How does Artificial Intelligence impact our life today? Find areas and give examples.
2. How could the artificial intelligence technology be used in the future?
3. What are the key advantages of this technology in your opinion?
4. Who / What groups of jobs should be worried about AI?
5. What aspects of AI can make it dangerous?
6. Why might some people think that too much technology in our lives can cause problems?

D) Google I/O conference 2018. Watch the excerpt and consider these points:

1. What's your opinion of this use of AI technology?
2. Which aspect of this technology do you find most surprising?
3. Would you be willing to use it yourself? Why/Why not?

