Introduction to Computer Science
Data Science - Assignment 2

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Due date: Sunday, 24 December 2017 at 23:59

Submission instructions: Submit your answers by sending an e-mail to aliakbars@live.com with the subject "ICS - *NIM*". The name of the attached file on your e-mail should be formatted as **assignment_ds2_NIM.pdf**.

Collaboration: Do not collaborate with other students on the assignment. This is an individual assignment.

Misconduct: Any misconduct in this assignment will be punished accordingly.

Write a 1-2 page summary of "The Rise of Artificial Intelligence through Deep Learning" talk by Yoshua Bengio on YouTube[1]. You can answer these questions from what you have seen to help you write the summary:

1. Why is artificial intelligence called the next industrial revolution?

2. What are the fields where deep learning has prospered?

3. What is unsupervised learning?

4. What is the difference between unsupervised and supervised learning?

5. What does Dr. Bengio's think about the future of artificial intelligence?

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[1] https://www.youtube.com/watch?v=uawLjkSI7Mo