202\_13 HV Morals Solutions

**Machine Intelligence Makes Human Morals More Important**

A. Listen to the first part of talk and take notes on the following questions:

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| 01:22 – 05:15  (3:53 min) | What was the initial “error” Zeynep Tufekci mentions in terms of her choice of job? |
|  | (sinngemäß)  *She originally wanted didn’t want to be confronted with ethics but then found out computer science has a lot to do with it.* |
|  | Name two examples the she mentions in order to illustrate ethical decisions made by computers? |
|  | *platforms that control what billion people see // cars that decide who to run over // weapons that might kill people in war // computation that tells the company who to hire // computation that knows who will re-offend* |
|  | … and two examples that illustrate how “our software is getting more powerful”? |
|  | *detect credit card fraud // block spam // translate between languages // detect tumors // beat humans in chess and Go* |
|  | What is the downside to the method of machine learning? |
|  | *We don’t understand / control what the system learned.* |

B. Take notes on her example of how Facebook makes decisions for humans.

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| 12:50 – 14:36  (1:46 min) | Example: Facebook - Ferguson |
|  | * *an algorithm decides what you should be shown* * *she did not get news from the Ferguson protests on her Facebook account (after a black teenager had been killed)* * *this happened because the event did not get many* likes *– it was not “likable”* * *what she was shown was an algorithm-friendly event – the ice bucket challenge* |

C. Take notes on her (final) conclusion.

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| 14:36 – end  (3:06 min) | Conclusion |
|  | (one or two of the following)  *We must*  *cultivate suspicion / scrutiny / investigation*  *not outsource our moral responsibility to machines*  *keep computation within our moral responsibility*  *hold on to ethics even tighter* |

Machine Learning makes human morals more important, Zeynep Tufekci

<https://www.ted.com/talks/zeynep_tufekci_machine_intelligence_makes_human_morals_more_important>