

#flo #disorganized #incomplete

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## 1 | Can we get back to coding

please? yaow.

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- Privacy
  - Good ml requires lots of data, so inherent leads to violation
  - Also, algorithm predicts private things?
    - \* Target example.
- Bias
  - Our model has bias built into them
    - \* ex. prop 25
      - get rid of bail, and use ml to identify flight risks
      - has bias in the model due to a biased dataset
  - Input bias -> output bias
- Abuse and misuse
  - Using ml in ways that are morally wrong
    - \* Ex. Cambridge analytica
      - Put up quizzes, then sold data to companys which put targeted adds to swing votes.
- Model explainability
  - Don't know how to explain results
- Responsibility
  - Sold model to someone who used it for abusive use / it just breaks
    - \* Who is at fault?
      - Model builder? Data collector? Abuser?
    - \* Large problem for things that are "literally life or death"
      - Watson, what happens when it's wrong?
- Automation of labor
  - Putting people out of jobs
  - More existential: what will people do? When ml does everything better than us
  - sudo-creative work is already being done
- Existential risk
  - Essentially, terminator risk

- Or, morality is not encoded into ml for task optimization
  - \* ex. make a class happy,
    - human: fun activity
    - ml: inject morphine
  - \* Paperclip
    - primary directive of producing paperclips
    - ignores morality