

Lecture 1

Jan 3 – 8, 2024

#1514 890

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Live topic

How can ML enable and inhibit climate action?

Type your idea

27 Ideas

Popular

Anonymous

6 weeks ago

15

I: Machine learning can be computationally demanding, and thus release emissions of its own.

Anonymous

6 weeks ago

7

I: ML is relies heavily on data, so bad/biased data can give results that guide us to the wrong direction (edited)

You Know Who

6 weeks ago

6

E: ML can enable climate action by optimizing resource allocation, predicting environmental changes, and improving energy efficiency

Anonymous

6 weeks ago

3

E- ML can be used to forecast future projections of c02 emissions if more renewable energy resources are added to the system.

Anonymous

6 weeks ago

2

Early detection of anomalies using ML would help us to be prepared

Anonymous

6 weeks ago

2

I: ML can be used to generate misinformation on the internet

Anonymous

6 weeks ago

2

E: model phenomena that are too complex for humans to fully understand

Anonymous

6 weeks ago

2

E: energy system and grid optimizations

You Know Who

6 weeks ago

2

I: Training and keeping a large ml model running is energy consuming

Duc

6 weeks ago

1

Objective monitoring of GhG emission reduction

Anonymous

6 weeks ago

1

I: The conclusions of ML can be misrepresented.

Anonymous

6 weeks ago

1

Enable: give a easy to access picture of whats going on to many people.

Anonymous

6 weeks ago

1

E: Study of different scenarios for decision making.

Anonymous

6 weeks ago

1

enable : predict actions that raises greenhouse gas / inhibit: A wrong subset can be taken so that wrong conclusions are made.

Anonymous

6 weeks ago

1

Optimisation of fuel consumption, natural disaster prediction

Anonymous

6 weeks ago

1

Inhibit: it can optimise for unexpected thing and if black box cause wrong decision from authorities that wants to help

Duc

6 weeks ago

1

As for all technologies, it prevents society to think about how to change personal and collective consumption of energy and resources. Encourage bus. as usual

Anonymous

6 weeks ago

1

Inhibit: someone can manipulate data or use methods to hide their non compliance in conflict of interest

Anonymous

6 weeks ago

1

I: Large datasets require more computing power → more emissions

Anonymous

6 weeks ago

1

E: ML can be used to find out what are the most important features when predicting CO2 emissions for instance and then we can do something about them

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