

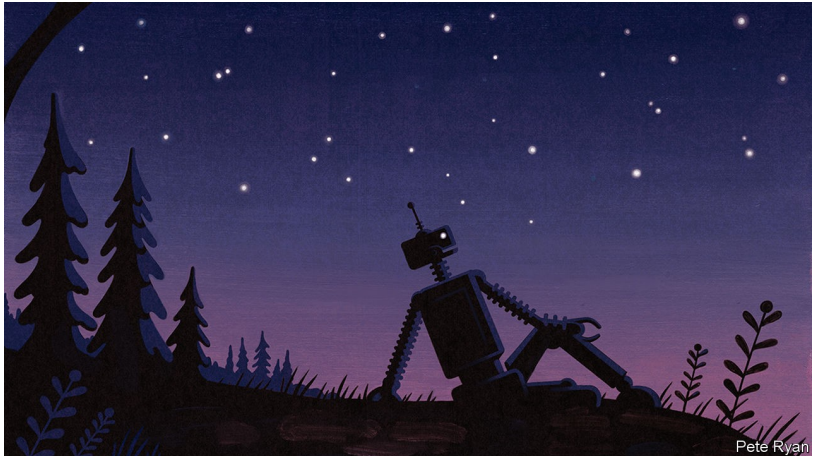
Machine Learning in Astronomy

Reza Monadi

UC Riverside

May 14, 2020

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations



- Is **ML** the same as **Statistics** or **Computer Science**?

- Is **ML** the same as **Statistics** or **Computer Science**?
- How **ML** is tied to **BIG DATA**?

- Is **ML** the same as **Statistics** or **Computer Science**?
- How **ML** is tied to **BIG DATA**?
- How to implement **ML** in astronomy?

- Is **ML** the same as **Statistics** or **Computer Science**?
- How **ML** is tied to **BIG DATA**?
- How to implement **ML** in astronomy?
- How **ML** helps **SKA**?

- Is **ML** the same as **Statistics** or **Computer Science**?
- How **ML** is tied to **BIG DATA**?
- How to implement **ML** in astronomy?
- How **ML** helps **SKA**?
- What are the pitfalls of **ML**?

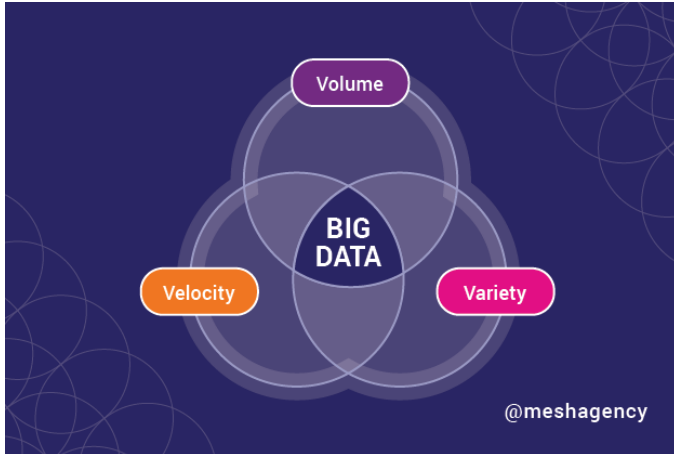
text

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b



Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

text

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

text

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

text

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b

Questions to be addresses
Machine learning overview
Big Data in Astronomy
ML methods for astronomy
SKA: a practical example
ML limitations

a
b