



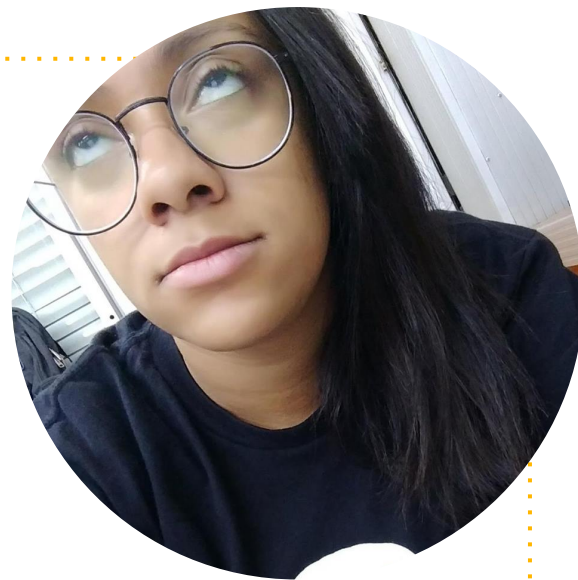
Big Data with Physics

Hello!

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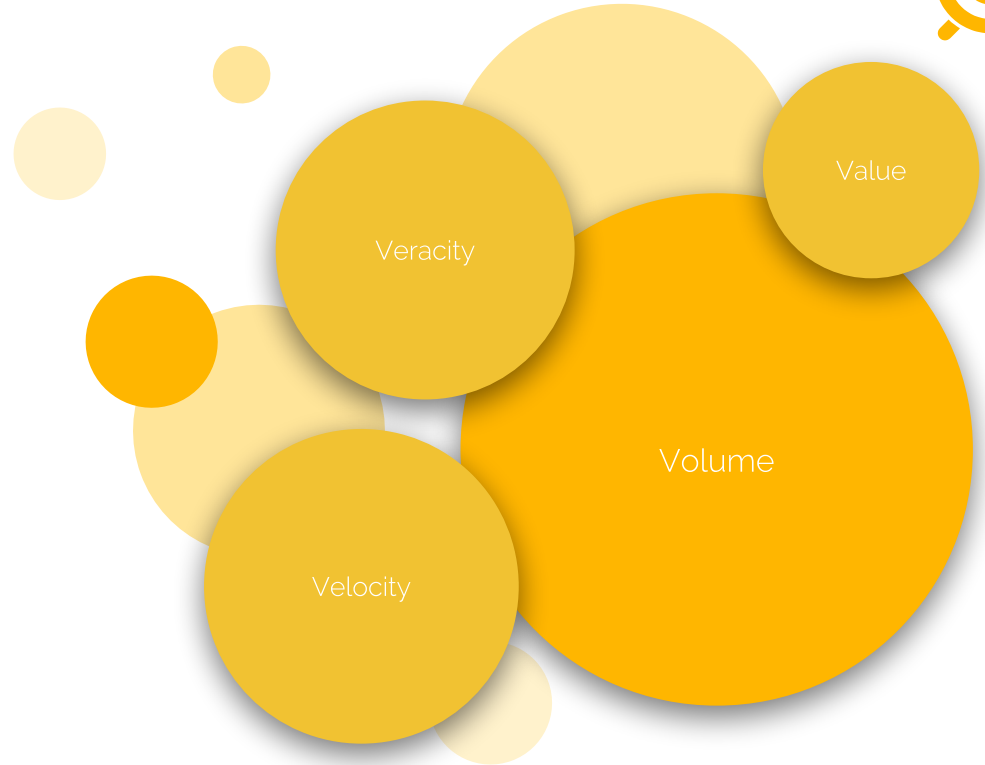
1

Big Data



**“In God we
trust. All
others
must bring
data”**

- Ginni Rommety



Veracity

Value

Volume

Velocity

2

Physics?



*"It is said that Mathematics is
the language of nature. If so,
Physics is its poetry."*

- Sadri Hassani



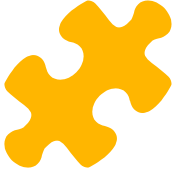
Big Data with Computational Physics

Pros:

- Accurate
- Inexpensive
- Able to predict
- Universally Applicable

Cons:

- Difficult to implement



Useful Techniques of Big Data Analytics for Computational Physics.

Predictive Analytics

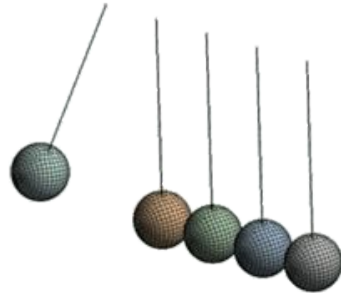
High Performance
Computing Systems

Machine Learning

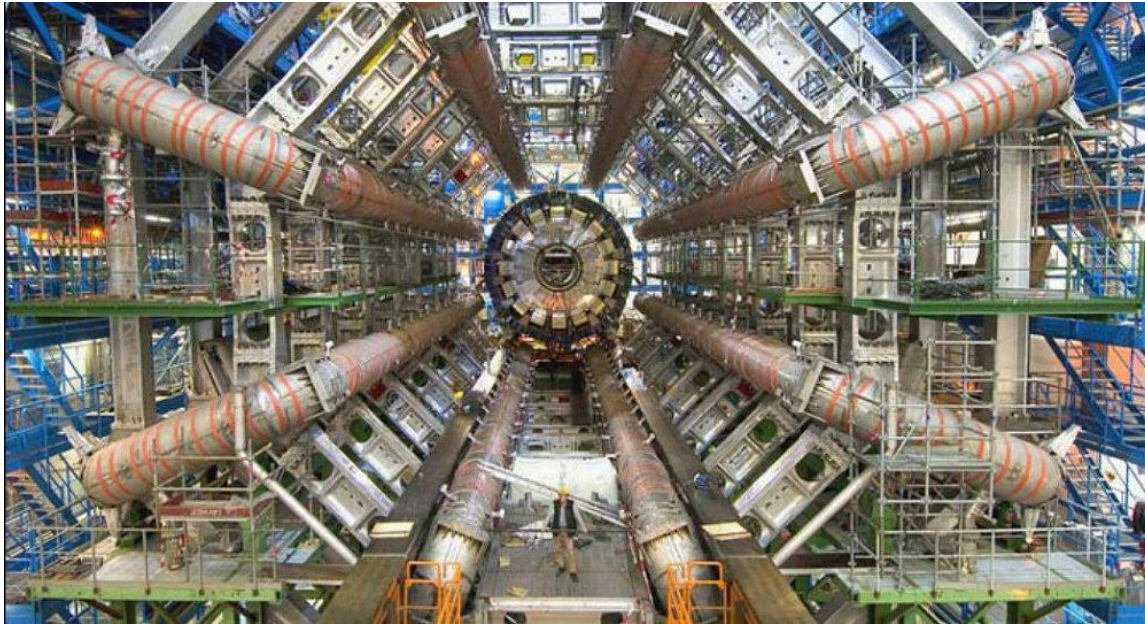
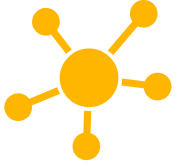


Continuing Examples

- Aerodynamics
- Soft-Body Physics
- Climate Science



CERN and Large Hadron Collider (LHC)





Thanks!

Any questions?

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GOLDEN
GLOBE
AWARDS.

Thank you. Thank you.