MODERN DATA SCIENCE WITH VAEX: A NEW APPROACH TO DATAFRAMES AND PIPELINES

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UNCOMFORTABLY LARGE DATA

Working with %i samples without going to the cloud:

→ < 1_000_000 samples

→ ~10_000_000 samples

→ ~100_000_000 samples

→ ~1_000_000_000 samples

→ larger datasets

VAEX.IO: WHO ARE WE?



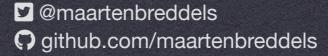
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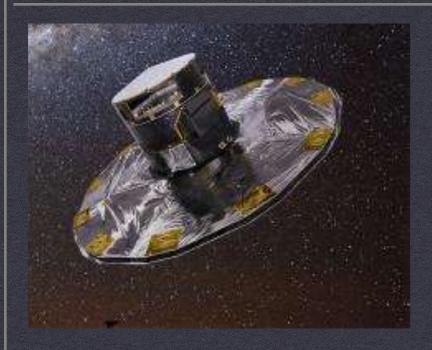
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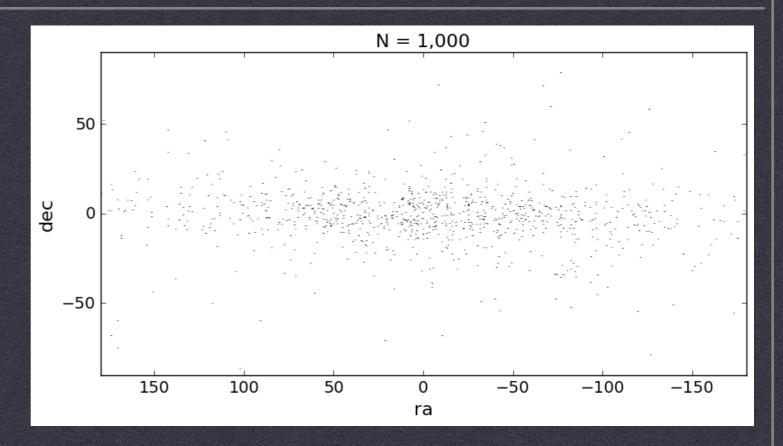
THE NEED FOR VAEX

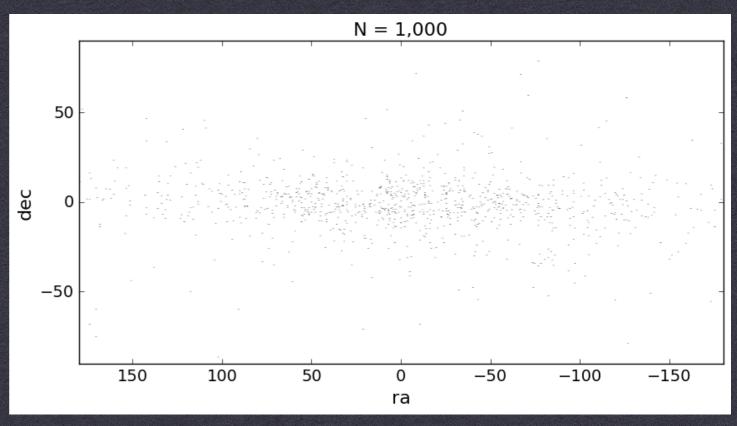


The Gaia satellite:

More than 1 billion observations of stars in our Galaxy!

How do we work (explore, filter, visualize, analyze) with such data?





LIVE DEMO

The Jupyter notebooks presented at the live demo can be found at:

https://github.com/vaexio/vaex-talks