

# Big Data Made Simple

the Larger, the Faster



vaex.io

## What's Vaex



Lazy, out of core dataframes solution

Lazy performing operations only when they are called instead of every time

Out-of-Core processing data too large to fit into a computer's main memory

## Why Vaex



### Performance

Process  $> 10^9$  rows per seconds



### Memory

No memory copies when doing filtering / selections / subsets



### Scale

Work with datasets that is equal to the size of your hard drive



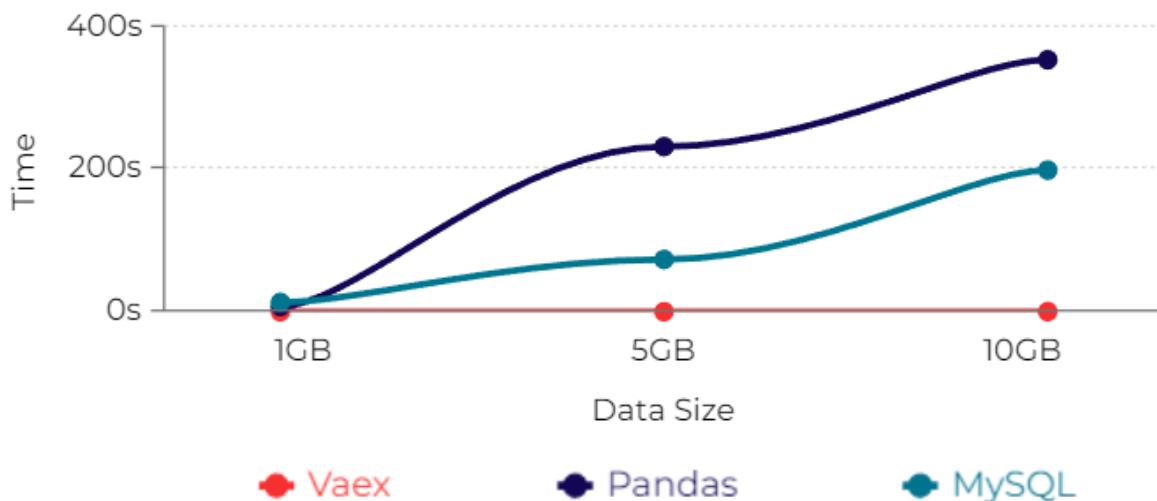
### Plot

Hassle free native support. Deliver you result in one-liner

## Comparison

### FILE READING TIME

The lower the better!

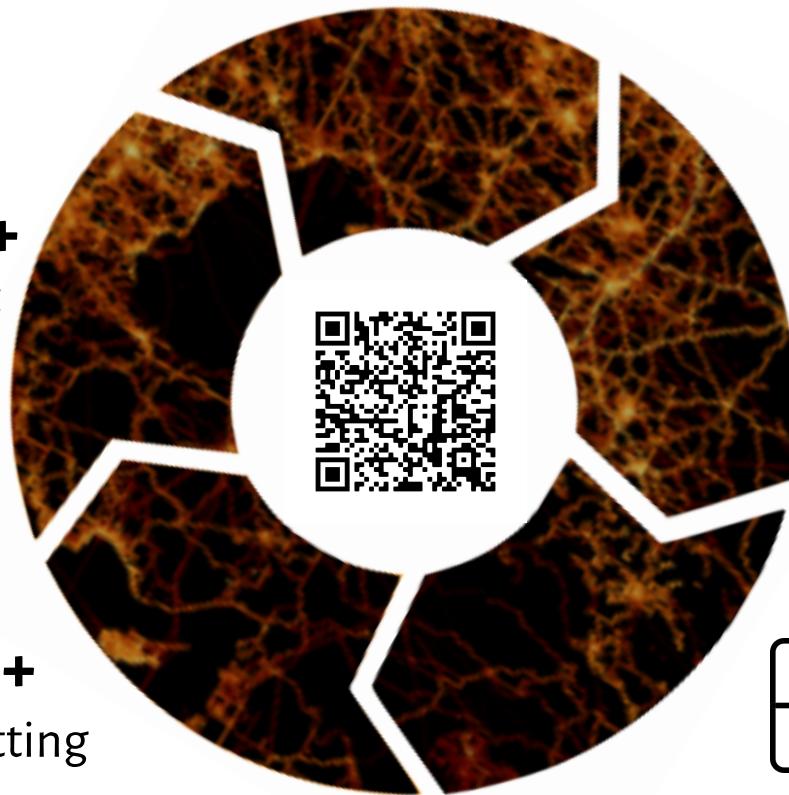


# Functionality \_\_\_times faster than pandas!

## Performance



T 10000+ Find text



NA Values

20+ Plotting

2+ GroupBy

## Competitors

	Ease of Adoption	Scaling Ability	Main Scaling Strategy
Vaex	✓✓✓	100 GB+	Lazy Loading
Dask	✓✓	1 TB+	Clusters
RAPIDS	✓	100 GB+	GPUs
Modin	✓✓✓	10 GB+	Clusters
Ray	✓✓	1 TB+	Clusters

## Get in Touch



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We are Team 4!