

Clojure Incanter

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Tuesday, April 28, AD 2015

Why Incanter?

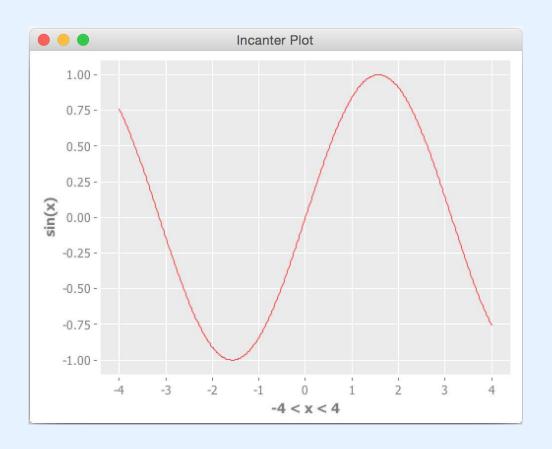
- charts
- statistics
- data
- graphics
- don't have to use R or MATLAB!

Getting Started: Your project.clj

```
:dependencies [... [incanter "1.5.6"] ...]
```

Getting Started: Your Namespace Declaration

Sine Waves



Data Sets

You probably want to look at data if you are interested in Incanter. For a really small data set, you might just define it inline.

Data Sets from CSVs

If you are working with a real data set, then it's probably living in a CSV file or a database.

Data Sets from Hash Maps

Clojure *loves* hash maps. How do you make a data set out of them?

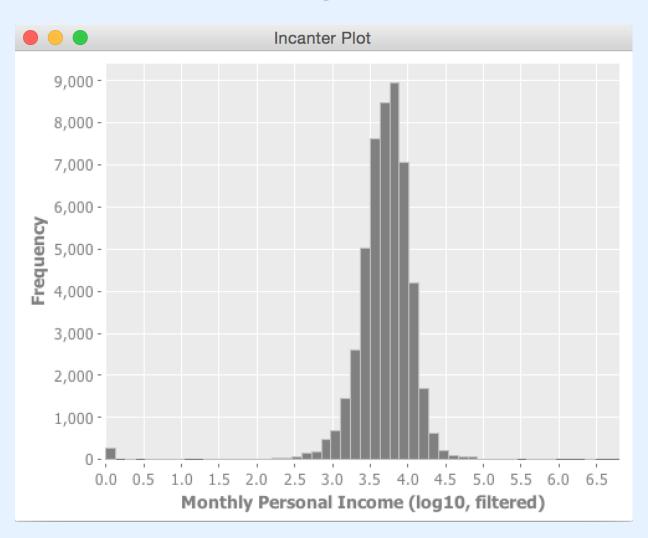
```
(def data-from-hashmaps (to-dataset [{:x 1 :y 2}
{:x 3 :y 4}
{:x 5 :y 6}]))
```

Data Sets from Vectors

Histograms

What's my data look like?

Histograms



Questions?