Research notes

- potential variables
 - o magnitude
 - depth
 - o calculating frequency
- data range: map it into an output range
- love this library for motion http://paperjs.org/
- noise: https://p5js.org/reference/#/p5/noiseDetail

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Questions

- Is this intended to be legible?
- Is the intention to play with design?
- Can we focus on specific region (or several?)
- on-hover motion can be tied to a number?
- Map + information graphic
 - zoom out or zoom in
 - o does the information graphic represent the same or different data?
- Can either be a live representation of ongoing feeds or overview?
- Am I dealing with a date or am I dealing with a date and time?

Ideas

- proximity to nuclear reactors
- proximity to global data centers
- magnitude vs. did you feel it index
- live/recent earthquakes+proximity to critical facilities
 - power plants
 - water plant
 - hospital

Datasets

- https://hifld-geoplatform.opendata.arcgis.com/
- https://rpubs.com/bmcole/nuclear-eda
- https://www.carbonbrief.org/mapped-the-worlds-nuclear-power-plants
- https://wikileaks.org/amazon-atlas/map/
- combining google + amazon
- https://www.google.com/about/datacenters/
- https://hifld-geoplatform.opendata.arcgis.com/
- https://www.geoplatform.gov/
- https://earthquake.usgs.gov/earthquakes/map/#%7B%22autoUpdate%22%3A%5B%22autoUpdate%22%5D%2C%22basemap%22%3A%22grayscale%22%2C%22feed%22%3A%221davm25%22%2C%22listFormat%22%3A%22default%22%2C%22mapposition%22%3A%5B%5B-24.846565348219734%2C-232.91015625000003%5D%2C%5B81.36128726057069%2C5.2734375%5D%5D%2C%22overlays%22%3A%5B%22plates%22%5D%2C%22restrictListToMap%22%3A%5B%22restrictListToMap%22%3A%5D%2C%22search%22%3Anull%2C%22sort

<u>%22%3A%22newest%22%2C%22timezone%22%3A%22utc%22%2C%22viewModes%22%</u>
3A%5B%22list%22%2C%22map%22%5D%2C%22event%22%3A%22ak019er87tf4%22%7D

- https://www.carbonbrief.org/mapped-the-worlds-nuclear-power-plants
- wastewater treatment
 - https://hifld-geoplatform.opendata.arcgis.com/datasets/environmental-protection-agenc-y-epa-facility-registry-service-frs-wastewater-treatment-plants
 - https://edg.epa.gov/metadata/catalog/search/resource/details.page?uuid=%7B86C004 71-0D39-4352-B629-14E3C0E2D042%7D
- hospitals
 - https://www.latlong.net/category/hospitals-236-26.html
 - https://hifld-geoplatform.opendata.arcgis.com/
- power plants
 - https://www.eia.gov/electricity/data/eia860/
- Data centers
 - https://wikileaks.org/amazon-atlas/map/