

Social Data Science: Machine Learning & Econometrics

Exercise class 6

March 27, 2020

Today's quick warmup

Q: Write a *decorator* `retry(n)` that when applied to a function (e.g. a scraper) retries a failed function call up to n times.

Apply your decorator to the following function

```
from random import uniform

def this_might_fail():
    c = uniform(0,1) > 0.8
    if c: return 'Success'
    raise ValueError('c too small')
```

Last lecture in a nutshell

- ▶ Install geopandas and play around, it is brilliant software.
- ▶ Geographical boundaries can be a source of “random” variation. Especially if boundaries are placed arbitrarily.