Social Data Science: Machine Learning & Econometrics

Exercise class 5

January 31, 2020

Todays quick warmup

 \mathbf{Q} : Write a function that adds an arbitrary n numbers together. Your function should obey the signature

Bonus: write a function that greets people with custom greetings, i.e.

```
greet(hello='kristian')
>>> 'hello kristian!'
greet(hello='kristian', hi='peter')
>>> 'hello kristian and hi peter!'
```

Todays quick warmup - solution

```
Use *args !
    def add(*args):
        return sum(args)
```

- ► The * implies an arbitrary number of *unnamed* arguments.
- ** implies an arbitrary number of named arguments, and helps solve the bonus question

```
def greet(**kwargs):
    msg = ' and '.join([f'{k} {v}' for k,v in kwargs.items()
    print(msg + '!')
```