# COMMUNITY DRIVEN DATA SCIENCE IN INSURANCE #USER2019

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# TL; DR: GET INSURANCE FOLKS TOGETHER TO DO RESEARCH IN THE OPEN, CREATE SOFTWARE AND WORKFLOWS, AND DEVELOP EDUCATIONAL MATERIALS.

## WOULDN'T IT BE NICE IF...

We had open source state-of-the-art individual claims forecasting models that people can easily adopt for their own data so they can do reserving and claims analytics better?

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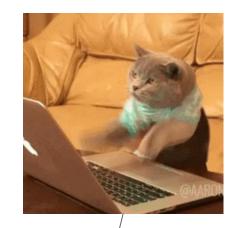
We addressed the interpretability issues of ML models for ratemaking and get regulators on board so we can charge more accurate premiums?

## WOULDN'T IT BE NICE IF...

We had end-to-end tutorials for pricing/reserving with realistic messy data for onboarding new actuaries/data scientists?

# OR, SOLVING COMMON PROBLEMS TOGETHER SO WE HAVE MORE RESOURCES TO FOCUS ON OUR OWN UNIQUE PROBLEMS

Data scientist / software engineer



#### TOGETHER? WHO?

"Business stakeholders"





Actuary



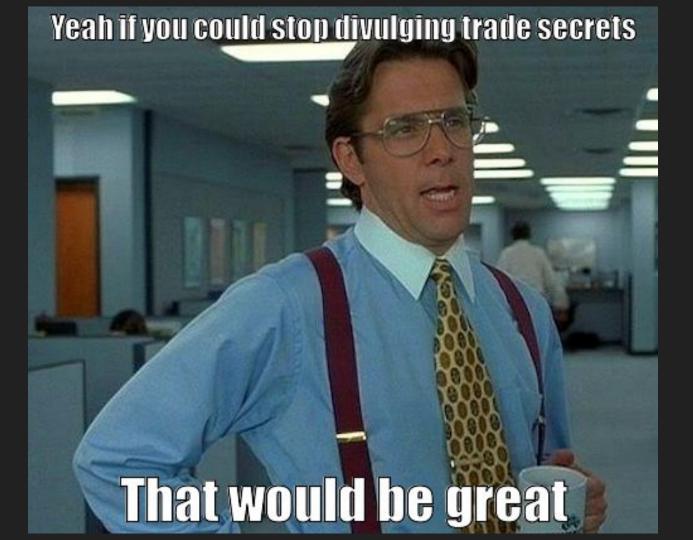
# KASAA is a new open source community dedicated to making insurance analytics even more fun!

\* Kasa = Japanese for umbrella. Because insurance.





SHOUT OUTS/INSPIRATIONS







#### CURRENT CHALLENGES

- Insurance companies typically don't like to share
- Actuaries have some catching up to do in terms of data science/software engineering
- Slow ramp up due to limited resources (nights and weekends of a few people)
  - << Insert inspirational quote about how
    nice things don't come easily >>

#### Make the world a better place



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