Community Driven Data Science in Insurance

#useR2019

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RStudio, Kasa AI (kasa.ai)
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?
Wouldn’t it be nice if...

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

Who?

“Business stakeholders”

GitHub

slack

Data scientist / software engineer

Actuary
KASA AI is a new open source community dedicated to making insurance analytics even more fun!

* Kasa = Japanese for *umbrella*. Because insurance.
Yeah if you could stop divulging trade secrets

That would be great
ONE DOES NOT SIMPLY
START USING GIT
WHAT IF I TOLD YOU
I DON'T WORK FOR FREE
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 >>
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