

Shaping the Future of Actuarial Data Science



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Agenda



What is Actuarial Data Science?

Why does it matter?

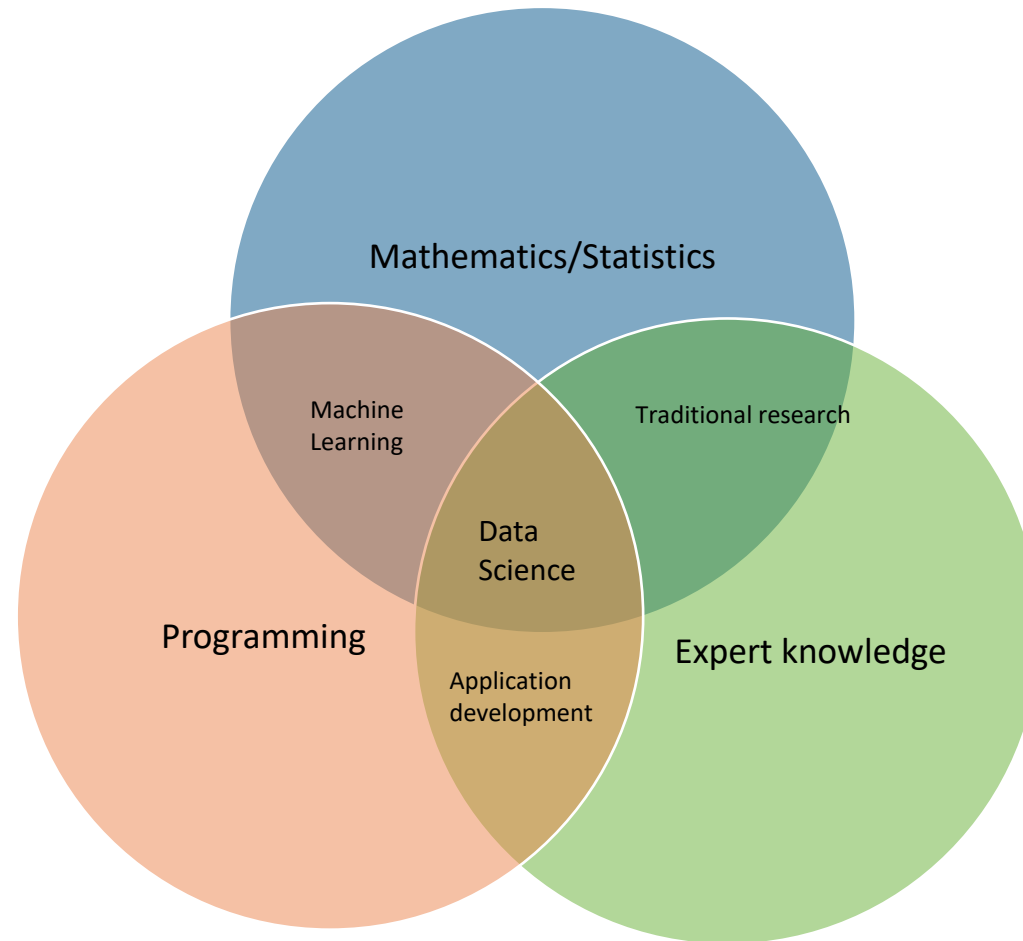


ADS and ethics/data privacy

Actuarial Data Science of the future



What is Actuarial Data Science?



What is Actuarial Data Science?



ADS at DAV

- How is Actuarial Data Science incorporated in the DAV? How did we get in contact with it?
- new specialization in the training to become a certified actuary



CADS

- New certification possible
- Theoretical und practical exams
- We are both in training



ADS working groups

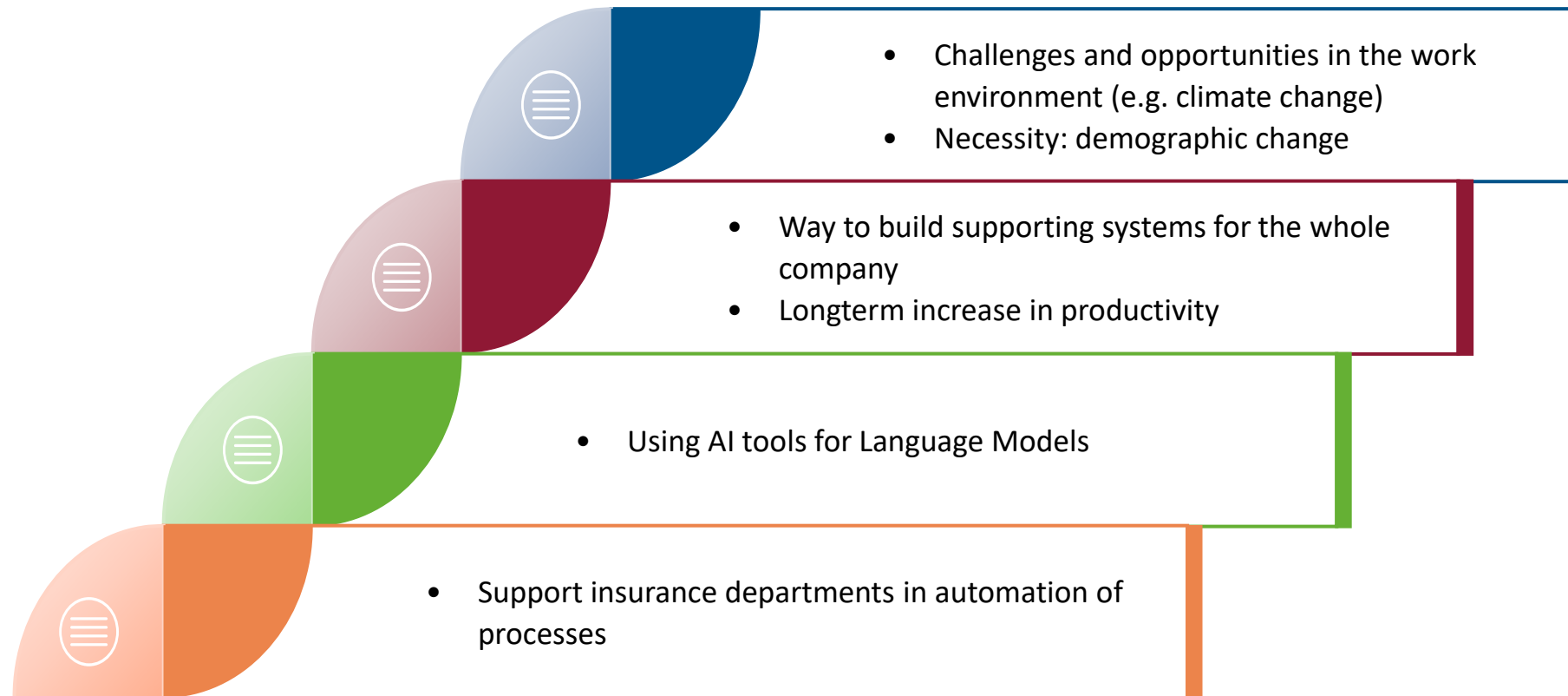
- Big Data, Explainability,..
- Welcome to participate



Why the interest in ADS?

- Upcoming topics relevant for the future
- New expertise in a relatively new working field with a lot of practical applications

Why does it matter?



ADS and ethics/data privacy

Ethics

- Ethics Guidelines for trustworthy AI
- Sensibility in regard to bias and discrimination in input and output data

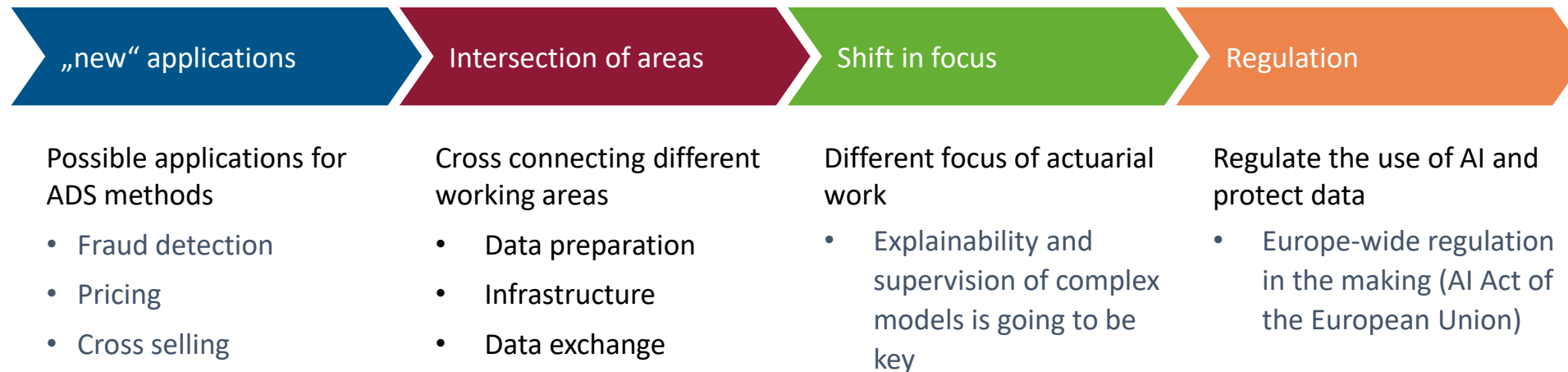


Is it morally acceptable?
Is it explainable?
Is it save?

Data Privacy

- General Data Protection Regulation
- Code of Conduct
- Informed decisions in dealing with protected and personal data
- High awareness of cyber risks and consequences

Actuarial Data Science of the future



As Young Actuaries, which role will we play in the future?