6. Outlook

Key messages (1/3)

You have learned:

1) How to work with R.

2) How to use R for fitting a pricing model in R.

3) How to work with R, RStudio and Rmarkdown.
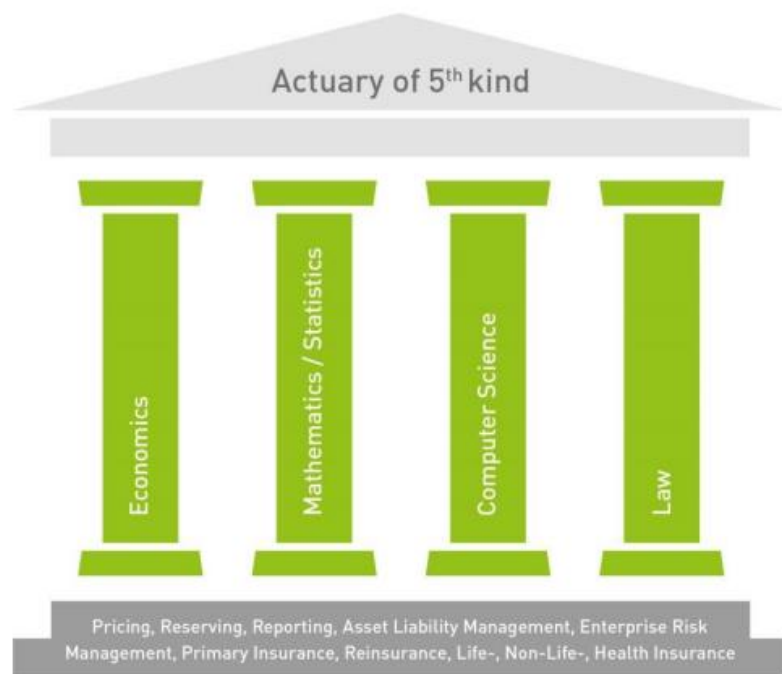
This enables you:

▶ To learn more about R by self-studying.

▶ To get an idea where you can use it in your daily work.
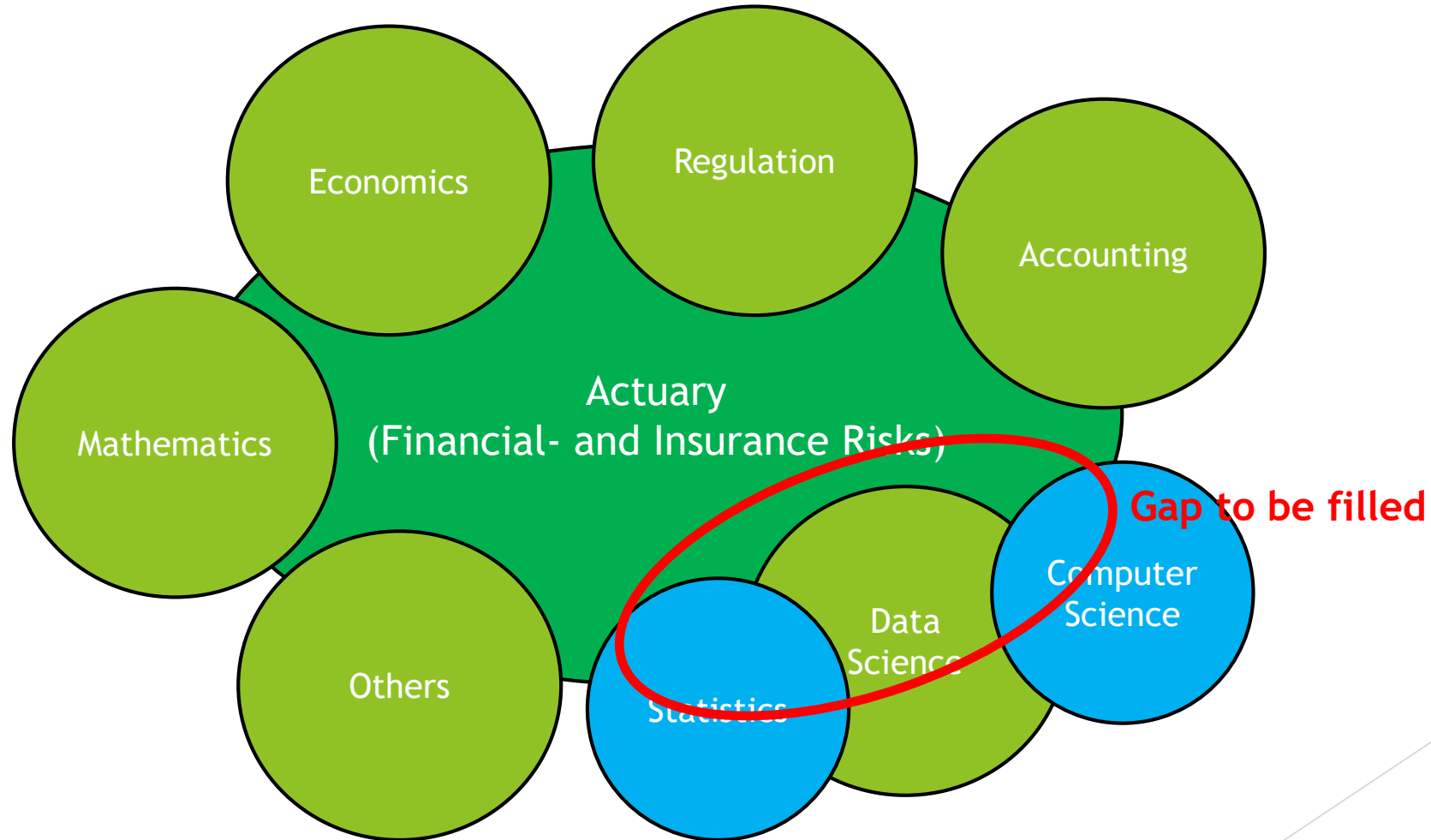
Key messages (2/3)

▶ Data Science is much more than R.

▶ Data Science is a broad subject, and learn it, there are many opportunities in the insurance industry.

▶ It is not so much about R, but rather about programming, statistics and **the way of working** and answering business questions.

▶ Visit www.actuarialdatascience.org

Relevance for Actuaries

Actuary of 5th kind

Economics | Mathematics / Statistics | Computer Science | Law

Pricing, Reserving, Reporting, Asset Liability Management, Enterprise Risk Management, Primary Insurance, Reinsurance, Life-, Non-Life-, Health Insurance

Kind	Category		Year
5th kind	Big Data, Analytics & Unstructured Data		2012
4th kind	Enterprise Risk Management		2005
3rd kind	Asset Liability Management		1989
2nd kind	Non-Life Actuary		20th c.
1st kind	Life Actuary	$_{m\|}\ddot{A}^{\pm}_{.x:\bar{n}}$	17th c.

What does it mean for actuaries?

References

- Intro2R GitHub (https://github.com/JSchelldorfer/Intro2R)

- www.actuarialdatascience.org

- ISS SAA 2018 GitHub (https://github.com/fpechon/SummerSchool)

Thank you!