

# Certified Actuarial Data Scientist

## – a quick and concise survey

Dr. Stefan Nörtemann (msg life, Cologne)

# About the speaker

## Dr. Stefan Nörtemann

- leads various projects in context of Risk Management & Financial Reporting at msg life,
- is a lecturer at the German Actuarial Academy (DAA) for Computer Science and for Actuarial Data Science
- is chair of the section *Actuarial Data Science* of DAV.



## msg life ag ([www.msg-life.com](http://www.msg-life.com))

- is one of the leading IT specialists for insurers, with over 35 years' experience and exceptional actuarial expertise.
- The portfolio ranges from standard software and tailor-made services to cloud solutions for the demands of today and the future.



# CADS

- An additional qualification as "**Certified Actuarial Data Scientist (CADS)**" is intended to make the latest **specific requirements** in the field of data science learnable for actuaries ...
- ... and on the other hand, by means of the title/brand of the CADS, make clear to the public **the claim of the actuaries to occupy these "new" fields** also beyond the actuarial core fields.
- CERA (=Certified Enterprise Risk Actuary), which has been successfully established in the European actuarial world for years, **serves as a model for us.**
- We are starting in Germany for the time being and may later expand into Europe.

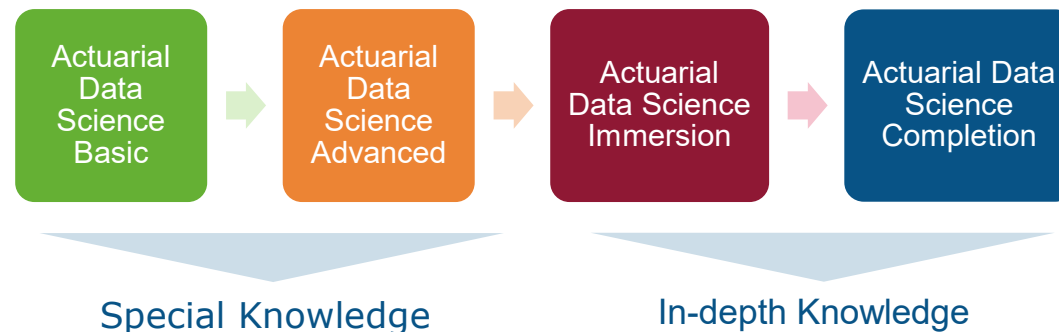
# General structure

## Target audience

The qualification is aimed at DAV members who want to expand their knowledge in the field of data science.

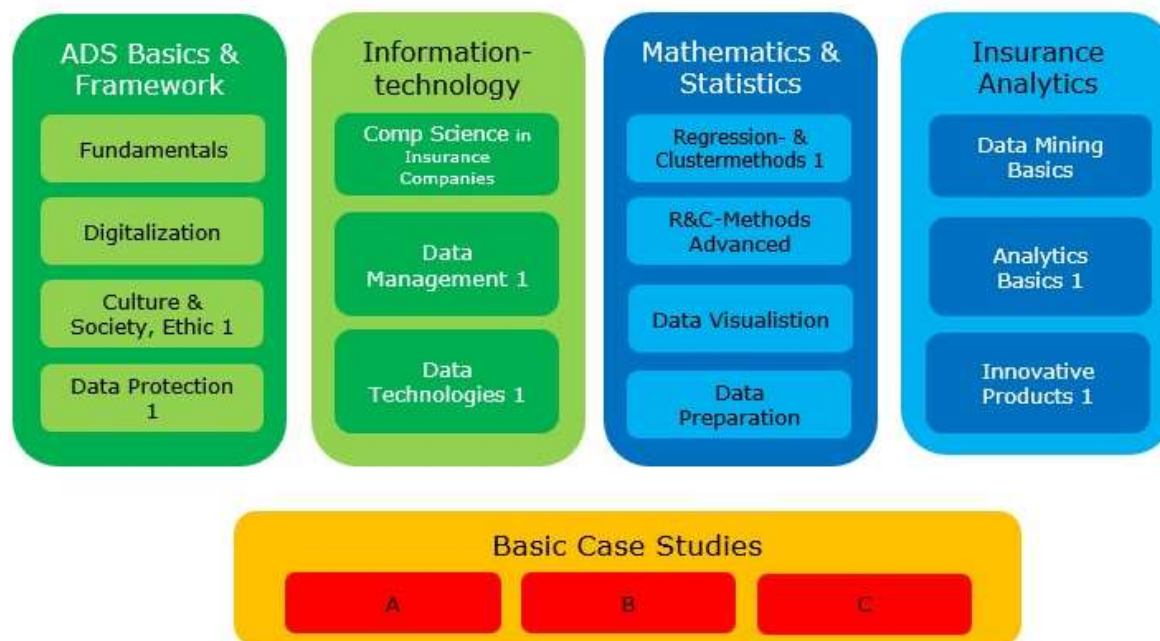
## Conditions

The membership in the DAV is the only requirement for the start of the CADS training!



# Actuarial Data Science **Basic**

**3 days seminar**



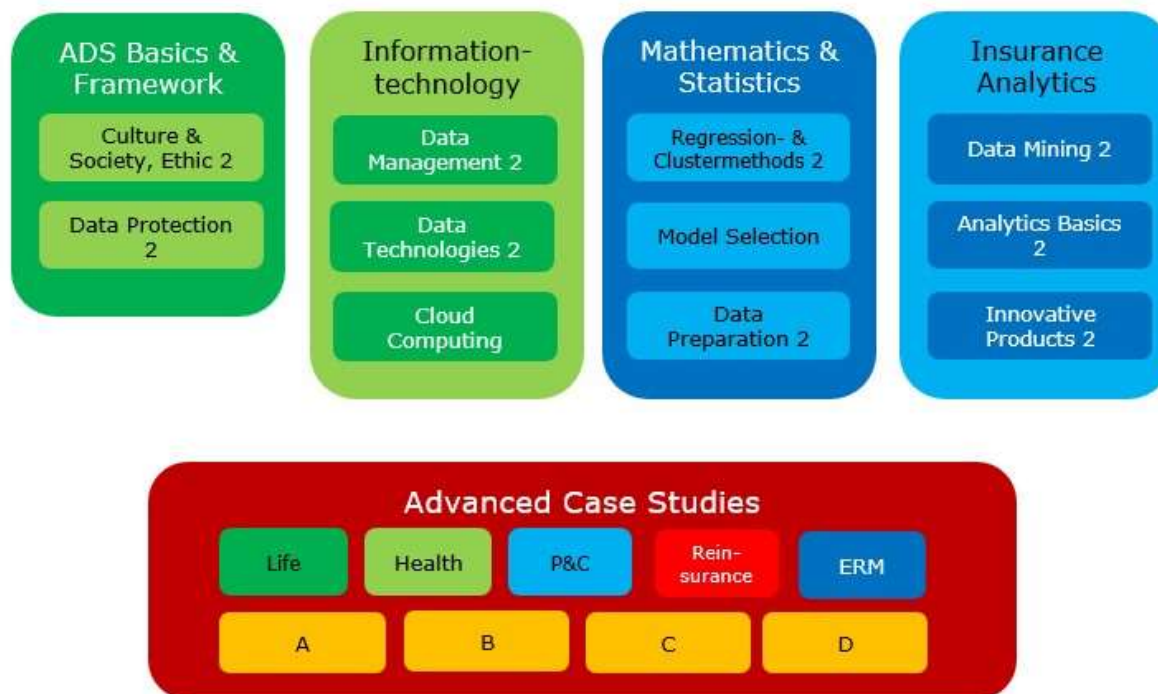
**Examination**

written exam

Duration 180 minutes

# Actuarial Data Science **Advanced**

**3 days seminar**



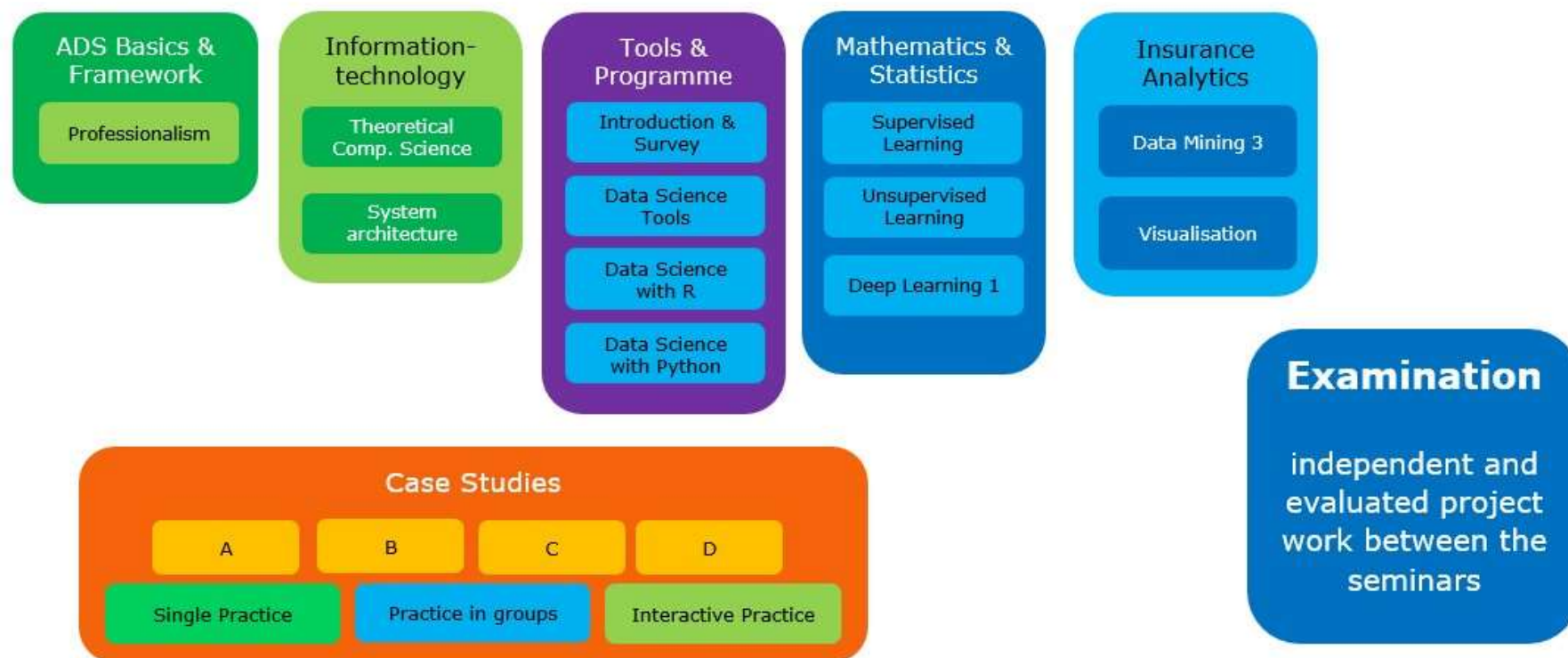
**Examination**

written exam

Duration 180 minutes

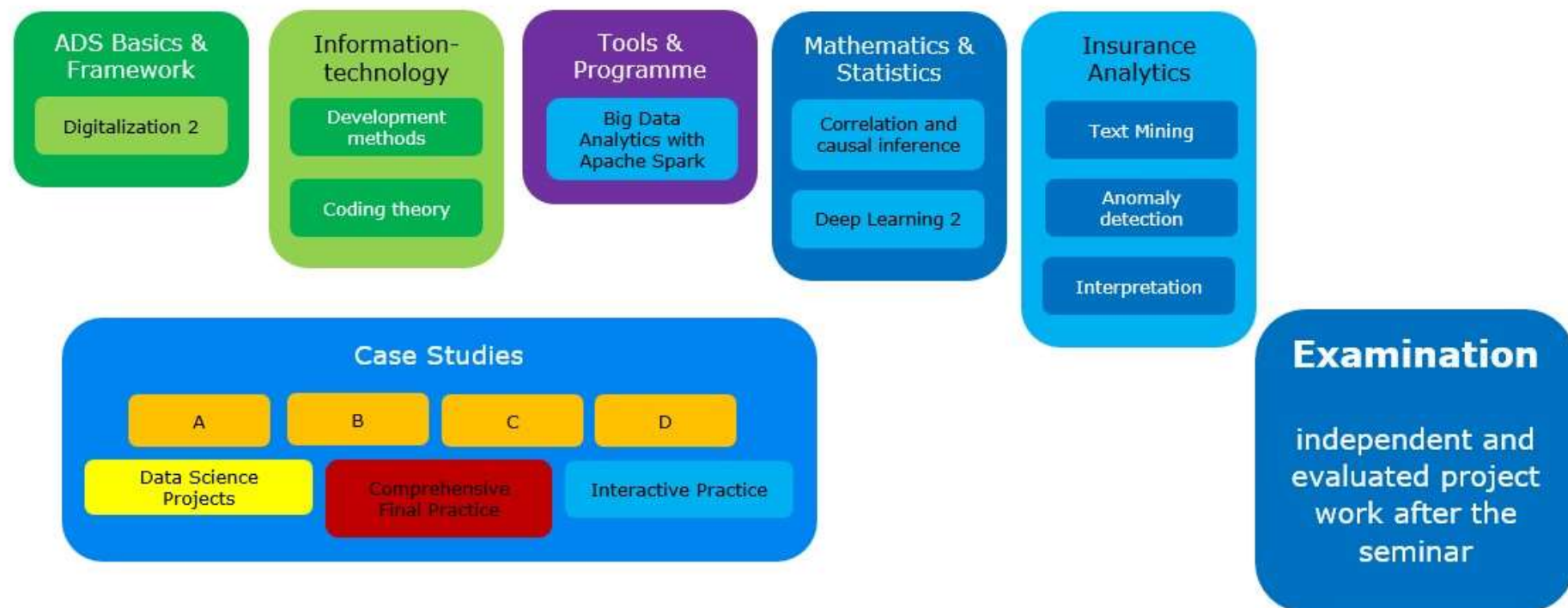
# Actuarial Data Science **Immersion**

**3 days seminar**



# Actuarial Data Science **Completion**

**3 days seminar**





# Executive Summary

Idea	New training & certification for members of the DAV			
Title	Certified Actuarial Data Scientist (CADS)			
Seminars and exams	Special Knowledge		In-depth Knowledge	
	Basic	Advanced	Immersion	Completion
	3 days seminar	3 days seminar	3 days seminar	3 days seminar
	written exam (180 minutes)	written exam (180 minutes)	evaluated project	evaluated project
	Everything you need to know to conduct Data Science projects!			
more details	<a href="https://aktuar.de/aktuar-werden/ausbildung-ads/Seiten/default.aspx">https://aktuar.de/aktuar-werden/ausbildung-ads/Seiten/default.aspx</a>			

# Thank you very much for your attention!

## contact details

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