



DATENANALYSE UND BIG DATA MIT STREAMING ANALYTICS ZU SMART DATA

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AGENDA

- Big Data – Smart Data
- Software AG Digital Business Platform
- Apama – Streaming Analytics
- Algorithmic Example
- Research Project iTESA
- Other Examples

Links and Sources

- Apama Community (kostenloser Download von Apama):
 - <http://www.apamacommunity.com/>
- White Paper zur Technik von Apama
 - https://www.softwareag.com/corporate/images/SAG_The_Apama_Platform_20PG_WP_Nov16_web_tcm16-113796.pdf
- Video “My First Apama Application” auf YouTube
 - <https://www.youtube.com/watch?v=sUxTqsjof68>
- Video “OCTO Telematics: Building the world’s most innovative IoT platform for insurance”
Big Data in der Versicherungsbranche
 - <https://www.youtube.com/watch?v=VfxuvsPuKKM>
- Anwendungsfall Qualitätskontrolle / Drahtherstellung
 - <http://www.apamacommunity.com/using-apama/schwering-hasse/>
- Anwendungsfall Services für Schiffe / Hafen Rotterdam
 - <http://www.apamacommunity.com/using-apama/royal-dirkzwager/>

Links and Sources

- Customer references
 - <https://resources.softwareag.com/customers>
- iTESA Project, travelling risk detection
 - <http://smart-data-itesa.com/>
- HEADS Project, Fall Detector
 - <https://www.sintef.no/en/latest-news/new-sensor-will-make-life-safer-for-the-elderly/>
 - <http://heads-project.eu/>
- IBM: Big Data Infographic:
 - http://www.ibmbigdatahub.com/sites/default/files/infographic_file/4-Vs-of-big-data.jpg

Links and Sources

- Complex Event Processing Market:
 - <http://www.complexevents.com/2016/05/12/cep-tooling-market-survey-2016/>
- Complex Event Processing Books
 - <http://astore.amazon.com/compevenproc-20>
 - The Power of Events: An Introduction to Complex Event Processing in Distributed Enterprise Systems, by David Luckham: <http://astore.amazon.com/compevenproc-20/detail/0201727897>
 - Thingalytics - Smart Big Data Analytics for the Internet of Things, by Dr. John Bates: <http://astore.amazon.com/compevenproc-20/detail/0989756424>
 - Event Processing in Action, by Opher Etzion, Peter Niblett: <http://astore.amazon.com/compevenproc-20/detail/1935182218>
 - Distributed Event-Based Systems, by Gero Mühl, Ludger Fiege, Peter Pietzuch: <http://astore.amazon.com/compevenproc-20/detail/3540326510>

