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[Data+Service] Newsletter 02/2019

Swiss Alliance for Data-Intensive Services <newsletter-editors@data-service-alliance.ch>   22 February 2019 at 16:00
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Newsletter #2
22.02.2019

Welcome to this month's Newsletter!

Do not miss the upcoming events & Expert Group meetings mentioned below, there are quite a few coming up.

We need your inputs for the Alliance's PR activity, please read below for details. Last but not the least, learn about our new members joined under the startup grant scheme.

Questions, remarks or contributions for the newsletter? Reach out to the editors.

Happy reading!
The Editors

Make sure to scroll all the way down -- don't-miss-it-goodie at the end!

Upcoming Expert Group Meetings

07.03.2019 - Data-Driven Business Models Expert Group meeting
16:30 - 19:00, Location: HB Zürich. More information coming soon here.

28.03.2019 - Spatial Data Analytics Expert Group meeting # 3
14:00 - 16:30, Location: Hotel Spirgarten (Lindenplatz 5, Zürich Altstetten). Find information here.

11.04.2019 - Blockchain in Supply Chain Management Expert Group meeting

15:00 - 18:00, Location: Workshop Room, Trust Square, Bahnhofstrasse 3, 8001 Zurich. Find more information here.

12.04.2019 - Software & Tools Expert Group meeting
14:00 - 17:00, Location and more information coming soon here.

13.06.2019 - Spatial Data Analytics Expert Group meeting # 4
11:00 - 12:00, Location: BFH (Brückenstrasse 73, Bern). Find information here.

Upcoming Alliance Events

13.06.2019 - GeoSpatial Data Day 2019 (SDS2019 Pre-Conference event)

12:15 - 19:00, Location: Berner Fachhochschule BFH, Brückenstrasse 73, Bern. Find more information here.

14.06.2019 - 6th Swiss Conference on Data Science (SDS2019)

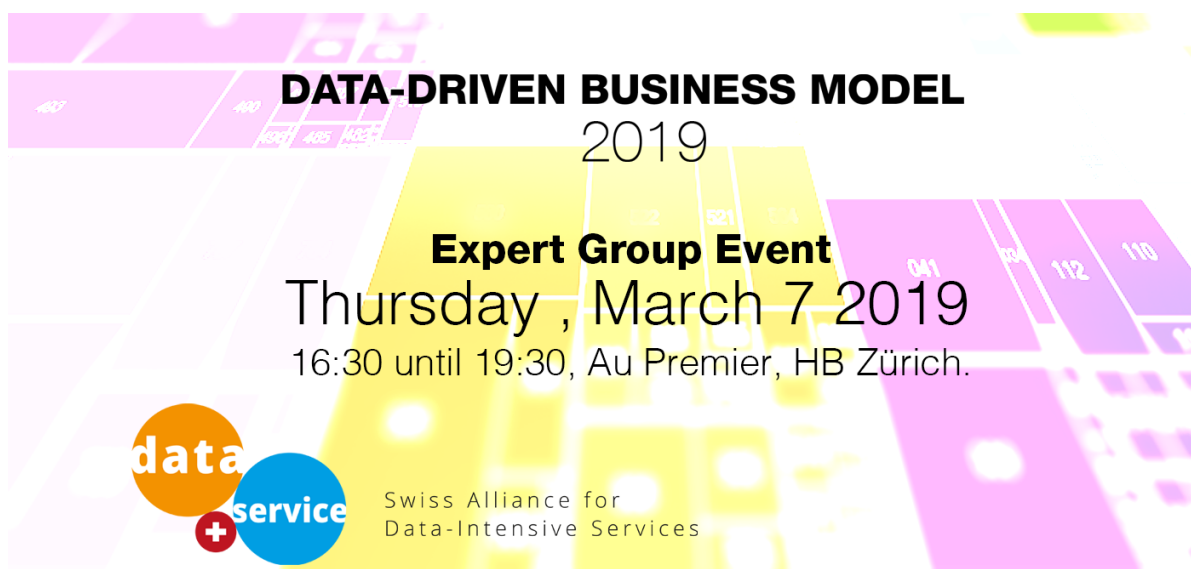08:30 - 18:00, Location: Kursaal Bern. Find more information here.

18-19.06.2019 - 4th Swiss Text Analytics Conference (SwissText 2019)

Location: Building TN, ZHAW, Technikumstrasse 71, Winterthur. Find more information here.

09-12.09.2019 - CLEF Conference 2019

Location: Università della Svizzera italiana (USI), Lugano. Find more information here.

Data Driven Business Models Expert Group Event

The expert group Data-Driven Business Models invites all interested members to participate in this event, featuring two talks, followed by Q&A and Networking Apero. The event is for free.

Program:

16:30 : Welcome & Registration
16:45 : Introduction
17:00 : "askRob - Legal research assistant powered by AI" incl. Q & A
17:30 : "Challenges of data driven services in a 100 year old industry" incl. Q & A
18:00 : Start Networking-Apero

 Talk 1

"askRob - Legal research assistant powered by AI"
How a startup empowers legal professionals in their daily search of critical information.
by Achim Kohli, Founder and CEO at legal.i AG.

In this talk, Achim presents how askRob empowers legal professionals to access case critical data quickly and significantly more precise than today. The explosion of complex data makes this capability not only more relevant but also more critical. With askRob, lawyers are able to free themselves from the tedious and error-prone search activities and to focus on building a strong case.

Achim will discuss how to push through technical and practical challenges, and how to create an experience that is both simple to use and strong on data science.

Talk 2

"Challenges of data driven services in a 100 year old industry"
by Dr. Thomas Bewer and Christian Brändli at Bucher Emhart Glass.
Dr. Thomas Bewer: As Senior Project Manager Thomas is responsible for the technology development and product management of Bucher Emhart Glass' data driven products.

Christian Brändli: As Head Global Services Christian is responsible for the development of service products of Bucher Emhart Glass' data driven services.

Please register by e-mail to expert.group@d-one.ai

Highlights from EasyFairs conference on Predictive Maintenance

The Alliance had an interesting opportunity last week to organize the "Smart Maintenance Conference" in collaboration with Easyfairs. This conference was held as part / in parallel with the Maintenance Schweiz 2019 expo. 91 exhibitor companies and more than 3000 specialists/professionals had gathered together for this event. We are extremely proud to be part of such an event and meet with the numerous professionals in this field.

In our conference, member companies like LeanBI, Zuehlke and Hexagon were presenting along with our Academic member ZHAW.

The conference gave a very good overview on the current hot topics in smart maintenance. The interesting part was that several companies work together with academic partners to solve real challenges at the intersection of big data, data management, algorithms and business process optimization.

Christoph Heitz of ZHAW showed the main drivers for smart maintenance, namely reducing costs or improving the availability of machines.

Marc Tesch of LeanBI presented a use case of how package distribution of the Swiss postal services can be improved based on algorithms that measure the optics, the acoustics and vibrations of machines.

Tobias Blösch Borgards of Hexagon showed, among other use cases, how predictive maintenance can be performed in the area of mining for natural resources at remote locations.

Harm Flik of Zühlke highlighted that predictive maintenance is not only a technical endeavor but needs to be evaluated from a broader perspective. The reason is that some of the machines are so reliable that failures either occur very rarely or not efficient labeled data is available to train machine learning algorithms.

Finally, Kurt Stockinger of ZHAW showed various projects and highlighted that before machine learning can be applied, one often first needs to solve problems related to the design of big data architectures and data management solutions for integrating heterogeneous data from dozens of machines with hundreds of sensors.

We look forward to such opportunities in future.

Welcome new member legai.i AG

We are happy to announce that legal.i AG, represented by Achim Kohli, is the first legal-tech startup that has been accepted for the Alliance's Startup Grant. legal.i develops askRob, a virtual legal research system. A system that empowers legal professionals to access case critical data out of case documents, jurisprudence, literature and internal data much quicker and significantly more precise than today. In the age of exponential data explosion, the need of legal professionals to find the right data promptly makes this capability not only more relevant but also more critical. With askRob, lawyers are able to free themselves from the tedious and error-prone search activities and can focus on building a strong case.

In January 2019, legal.i together with Erik Graf from the Berner Fachhochschule and D-One started with the programming of the first MVP. Its scope is to coin every case with a unique "DNA" through identifying the the relevant facts of the case. With such case-DNA cases become comparable and similar cases can be found much more precise than today.

It is a great pleasure for us to welcome Achim Kohli, founder and CEO of legal.i, and his team, as a new Industrial member in the Swiss Alliance of Data-Intensive Services.

Call for Success-Stories for Alliance's projects

We are extremely happy with the way the Alliance has grown in the past 2 years and thank the members who have undertaken numerous activities and projects under its umbrella. With regard to this feat of success we have planned to make some PR activity for the Alliance in collaboration with PR experts of Aileen Zumstein communication GmbH. We would be publishing articles about our concrete results from our projects, collaborations, events etc in order to portray a wholesome and diverse portfolio of the Alliance in the far corners of Switzerland in the field of Data Science. The idea is not only to get attention of more and more industries and academics who could be part of this vibrant network but also to document our achievement in this community.

Therefore, we request and encourage you to submit success stories and lessons learnt from the outcome of the (running) projects that you participated in under the umbrella of the Data+Service Alliance. Please send your ideas about concrete success stories to Gundula (gundula.heinatz@data-service-alliance.ch) latest by 30th March 2019. Please feel free to contact us if you need more inputs about this PR activity.

Upcoming Member events

We ask you to send the events that you are (co)organizing that can be useful to our other members and we will include this information in our newsletter. Please write to amrita.prasad@data-service-alliance.ch .

SAP Machine Learning CodeJam @ PAX
Thursday, 28th March 2019
Schweizerische Lebensversicherungs-Gesellschaft AG
[Aeschenplatz 13](#), 4002 Basel
Register here https://www.eventbrite.com/e/sap-codejam-basel-registration-55230647353

Data Science Read of the Month
Das Beste zum Schluss

The seven tools of causal inference with reflections on machine learning

https://blog.acolyer.org/2018/09/17/the-seven-tools-of-causal-inference-with-reflections-on-machine-learning/