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Welcome to DAMA Indiana News!

Welcome to the summer issue of the DAMA Indiana newsletter. We hope that you have some relaxation on your agenda! In this issue, Chapter President Gene Boomer contemplates the data-centric development cycle, guest author Jeff Hubbard goes back to school, and guest authors Doug Johnson and Jack Kennedy share their experiences at EDW 2017.

Do you have a question for the board or fellow members? Are you wondering about future events? Have an idea for a newsletter article? The top of the newsletter contains the web site and social media contact information for the chapter. We would love to hear from you!

From the President's Pen...

By Gene Boomer

Hello Folks,

Hope everyone is enjoying the nice summer thus far...

I wanted to let you know about a webinar that I attended recently, put on by Dataversity and Malcolm Chisholm (Chief Innovation Officer with First San Francisco Partners) regarding the topic of a Data-Centric Development Life Cycle. If you are working on any data focused projects, I believe it would be worth the time to take in this one-hour webinar.

It presents a treatise as to why the SDLC does not work very well for data-centric projects such as Data Warehouse, Data Lake, MDM, and BI/Analytics efforts. As Malcolm describes, the SDLC was adopted by IT to automate Business processes, and the SDLC is pretty effective in that regard. However, data projects are not about automating Business process but rather about enabling data access and providing information insights to our Business partners. Because the SDLC is a linear/serial process, each phase must be completed before moving to the next phase. The DCLC provides a different framework by following an iterative approach that further refines and validates the resulting data artifacts. The DCLC also denotes specific phases germane to data related efforts not identified within the SDLC such as Data Discovery and Data Profiling.

President's Pen, cont.

Many of us have may have been following a similar approach with our data initiatives but could not fully describe it nor explain why it seemed to be more effective than the SDLC...the webinar helps on both counts!

Bottom line, trying to treat data solutions as making "widgets" following the SDLC will mostly likely not be efficient nor effective...need to leverage the shift from "process" to "information" and follow the DCLC.

If you get a chance to review the webinar, let us know what you think.

As always, thank you for supporting DAMA Indiana and have a great summer!

Until next time...

~ Gene

Data-Centric Development Life Cycle

In today's digital age, data is the potential powerhouse of every business. That's why First San Francisco Partners created the Data-Centric Development Life Cycle (DCLC), a proprietary project development methodology that leverages the shift from process to information — and addresses the unique needs of data-centric development projects such as Data Lake, Big Data, BI/Analytics, Master Data Management (MDM) and Data Warehouse.

Source: https://www.firstsanfranciscopartners.com/data-centric-development-life-cycle/

Thank you to all reviewers for your great feedback. The Public Review period has now closed. Please watch this space for details of pre-ordering DAMA-DMBOK2 is being published on 30th June 2017

Back to School

By Jeff Hubbard

Before you get too excited, I must explain that this is not an article that will analyze the blockbuster hit from 1986 staring Rodney Dangerfield. Nor is it an analysis of the retail trends of the season of shopping for pencils and notebooks that seems to come earlier each year. The purpose of this article is to provide information about the educational path that I am currently undertaking as an undergraduate in the Data Management and Analytics Bachelor of Science program at Western Governor's University. I am going back to school after a 25-year "hiatus" to complete my degree, and since the subject matter is germane to the content that DAMA strives to proliferate, our board thought that it would be a good fit for a series in the newsletter. And while I would never claim to have the comedic prowess as Mr. Dangerfield, I will make every effort to keep the content as interesting as possible. My goal is to publish a series that outlines the content that is provided during a typical program for data management in the realm of higher learning as I walk through it so that you can get an idea of what is out there in our universities with regards to data management.

I found the program at WGU like many people would, through web search. While there are quite a few universities that are now offering some type of a data management and analytics degree, I chose WGU for a couple of reasons, mostly because it fit my budgets – financial and time. They offer a set fee for each term in which you can complete as many classes as you have the time. They are also completely geared toward people that are already in a career, offering competency-based learning that will allow you to take credit for

what you already know, and all classes are online and self-paced, which fit in my busy schedule perfectly. Please understand that I'm not trying to endorse WGU or say that WGU is a perfect fit for everyone, it just happened to work well with my current life situation. Other students may want to explore some on-campus or hybrid options. My recommendation is to collect the data, analyze it, and make an informed decision based on your own situation (and the data, of course).

So, what does a typical Data Management and Analytics program look like? First of all, it's not a computer science program, it's an IT program, so you won't see a lot of the science and math that you would typically see in a computer science path. The program starts out with fundamentals of IT and then progresses in complexity into statistics, data structures, analytics, data science, and machine learning. The program ends with a capstone project that is meant to combine all the skills learned in the program into a real-world solution that is documented and implemented.

I am currently in the middle of the second term of an eight-term program. In the last 9 months, I have completed 6 classes, including several IT fundamental classes for foundations, applications, server management, networking, and security. The completion of one class resulted in the A+ certification from CompTIA (I will gain more certifications as I progress through the program, including 3 additional CompTIA certifications, 2 more from Oracle, and 2 from CIW). I have also worked through a class on critical thinking and logic as well as written a research paper. It's been a busy 9 months, but not overwhelming. I am getting geared up now to start a class in geography, and will complete the term with web development.

I would have to say that one of the highlights from the first term and a half is that I finally know what network subnetting is all about, which has always been a mystery to me. I also know how to terminate a CAT6 cable, and understand the importance of turning off the transmitter when working on fiber optics.

In the coming newsletters, I will continue to highlight the classes that I'm taking as well as the experience overall, and hope that it provides some useful insight for you, and if not, at least a laugh or two. If there is anything that you would like for me to write about specifically in regards to this topic, please email info@damaindiana.org with your suggestion.

See you next time, right now, I've got to go study!

Did You Know…

College coursework counts towards continuing education credits for the CDMP certification renewal?

And that some non-DAMA certifications count towards the CDMP?

Check out DAMA International's web site for more information: https://www.dama.org/content/cdmp-substitutions and https://www.dama.org/content/cdmp-re-certification-0

Editor's Note:

We look forward to hearing more from you, Jeff! Congratulations on finishing your first terms at WGU – we wish you all the best in your adventure!

EDW 2017 -- Not Just Another Conference!

By Doug Johnson

As we plan our work and work our plans, tackle the daily challenges that inevitably arise on their own frequency or timing, and prioritize our collective efforts against scarce resources to move the ball forward as effectively and efficiently as possible to maximize our business contributions, outcomes and value … How best are we to keep up to date with the current state and trends of our data driven world?   I would not hesitate to recommend the Enterprise Data World (EDW) Conference series and certainly attending EDW 2017 reinforced my basis for my endorsement.

EDW provides many opportunities for growth and insights in a well-orchestrated event setting that alternative sources/resources such as books, webinars, user groups, etc. cannot provide -- at least not within the concentrated timeline of a conference with international reach. For example, EDW brings you together with leading state of the practice speakers, industry leaders and session speakers, interactive informative break-out sessions, leading edge panel discussions, full topic representation and coverage of the DAMA DMBOK, and perhaps the most important differentiator – networking! Interacting and sharing among experts, professionals and your peers in a single logistical setting is the core to keeping up to date in practical ways with our data driven world.

This year's EDW conference, held in Atlanta, built upon the trends from prior years towards Big Data, the role and value of Chief Data Officers, technology advances for bigger, faster, integrated and innovative solutions, insights to the data challenges we all face or will face, practical approaches and solutions we can apply immediately in our own situations.   One trend I noticed at EDW 2017, is the accelerated use and innovation of leveraging the right big data database tools for the right purpose rethinking the dated axiom that fewer or one DBMS landscapes are optimal. For example, I particularly observed the pervasiveness of graph and document databases integrated together or separately across many of the breakout sessions whereas less so last year. There was a broad balance of topics this year, as in the past, across the science vs. art spectrum ranging from the leading edge big data landscape technologies, solutions and tools to the insightful influence and applicability of Zen gardening to improving data models.

The conference is self-trending on topics relevant to the participants because they are relevant to the submitters/presenters in their respective journey's for advancing up the tiers of the data maturity model.   Lines between presenter, practitioner, and peer blur as we all share comparable, if not common, data related use cases and challenges.

In many ways, EDW is the de-facto comprehensive data conference available today for optimizing your data conference experience and training ROI.

Editor's Note:
Thank you, Doug, for sharing your experience at EDW17!

EDW 2017 Review

By Jack Kennedy

The whirlwind of Enterprise Data World has come and gone in 2017. This year the event was hosted at the Omni Center Hotel in downtown Atlanta. Throughout the conference the weather went from 70 degrees and sunny to severe thunderstorms and tornado warnings, but the sessions and attendees increased in volume, variety, and velocity nonetheless. The 3 V's of Big Data of course! Big Data and NoSQL technologies are really starting to mature, and the speakers on these topics this year brought some great insights. I'd like to share the experience of one of my favorite sessions.

If you haven't had the opportunity to attend a talk given by April Reeve, you are missing out. April of Reeve Consulting LLC has 25 years of experience in enterprise architecture and program management, and is considered a leading expert in both data warehousing and big data technologies. Her session, "The components of Data Lake Architecture", went into great detail about the differences between your traditional data warehouse and your exciting new data lake.

Her argument is that the data warehouse and the data lake serve different purposes, solve different problems, and have different challenges, but are complementary tools. The data lake is like a laboratory for your data scientists. It is the space to work, store, and compute on diverse datasets. Your data scientist doesn't have time to wait for the long cycles it takes to curate data through the traditional data warehousing process. They are perfectly happy to work with the raw data, and in fact, their insights about that raw data could later be useful to flow back into the data warehouse.

The data lake though has its own set of challenges - some of which we take for granted in the solutions already present in a relational data warehouse. Hadoop is all about files, and access control can only be done at the file level – not the more granular row and column level like in a relational database. Also, data governance becomes even more critical as files are created and strewn about through different directories in the file system. Both of these challenges have to be met with add-on components to Hadoop, and need mature data management practices to be in place.

I had an excellent time at Enterprise Data World 2017 and would recommend it to anyone that hasn't been before to give it a shot next year. It's a great opportunity to learn from and network with the best data management professionals in the world.

Editor's Note:
Thank you, Jack, for the data lake session summary from EDW17!

The location for the 2018 Enterprise Data World has been announced!

EDW18 will be in San Diego, CA April 22-27, 2018.

Go to: http://edw2017.dataversity.net/ to sign up for notifications.

Professional Development Opportunities

Thank you to all reviewers for your great feedback. The Public Review period has now closed. Please watch this space for details of pre-ordering DAMA-DMBOK2 is being published on 30th June 2017

http://dama.org

 Check out http://tdwi.org for conferences

DAMA Chicago

DAMA Chicago holds six bi-monthly meetings and other events. Their web site is: http://www.damachicago.org/

Here are other area events that may be of interest to data professionals:

IndyPASS (Professional Association for SqlServer)

Events are updated on their web site.

Their main web site: http://indypass.org/

INOUG (Indiana Oracle Users Group)
Check inoug.org for more information.

Southwest Ohio Chapter of DAMA

Check out their web page at:

https://swoc-dama.wildapricot.org/

Central Ohio DAMA

The central Ohio chapter page:

https://buckeyedama.org/

Reminder: Attending conferences and professional meeting counts towards CBIP and CDMP recertification credits. Be sure to record these in your log!

Contacts

Have a question or need to contact a board
member? Below are the names and e-mail
addresses of board members

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