**Data Analytics in Action**

**ASP Professional Development Committee**

27 June 2019, 1:00pm – 6:00pm

SGV Hall, AIM Conference Center

Emcee: (TBD)

**Program**

1:00-1:15 Registration

1:15-1:30 Opening Remarks

1:30-2:30 Data Analytics Applications by Bert Gavino

2:30-4:00 Harnessing the Potential of Analytics by Sara Venturina

4:00-4:15 Break

4:15-5:15 Using Analytics for Predictive Underwriting by Kenneth Martin

5:15-5:45 Panel Discussion

5:45-6:00 Closing Remarks, Wrap-up and Group Photo

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| **Time** | **Activity** | **Participants** |
| 1:15 - 1:17pm | Welcome and thank the participants  Introduce self a bit  Looking forward to learn more about risk management designed for actuaries by not just one, not just two, but three of our own ASP fellows practicing risk management for insurance companies  Go through the program of events quickly  Turn over to Chris, ASP Governor-in-Charge for Learning and Development | Rhea |
| 1:17 – 1:20pm | **Opening Remarks**   * Thank the participants and speakers * ASP Professional Development Committee * Discuss a bit about risk management and actuarial role * Competition from other experts/practitioners * Actuaries are well-suited to perform CRO role in insurance organizations * Always need to be at the top of our game * Non-traditional and emerging role for actuaries, and this is reflected in the changes in the actuarial education system. * We are lucky to have three data science practitioners who have worked on case studies and projects with insurance companies. In particular, they have worked with actuaries. * There will be a Q&A at the end of each presentation, and we will conclude with a panel discussion towards the end of the seminar. * Turn over to emcee | Chris |
| 1:20pm -1:22 pm | **Introducing the First Speaker**  We will start with the first presentation  Remind there will be a brief Q&A at the end of the presentation  Introduce the first topic briefly  *Our first speaker will start by walking us through some of the challenges and latest trends in risk management.*  Introduce the first speaker: Bert Gavino  *Bert has 17 years work experience and has worked with the academe as a Web Developer in 2009, he changed*  *Careers and went into Data Mining… in 2015 he worked with IBM and with Project NOAH to work on Relief Ops*  *In 2016, he went to work with PLDT and SMART to work on Big Data and Data Science projects. In 2017 he worked*  *with Accenture to build data science teams and ML projects.*  *He currently works with AXA Philippines on various Data Science projects such as Chat bots and machine learning projects that can benefit the organization.*  *Bert is also a Climate Reality Leader and an advocate of Data Science for Social Good.* | Rhea |
| 1:38pm -2:30pm | ***Challenges and Latest Trends in Risk Management***  ***by Albert Gavino*** | Bert |
| 2:30pm – 2:31pm | Thank Bert, kindfully request him to remain on stage, and then facilitate Q&A | Rhea |
| 2:31pm – 2:35pm | Q&A | Trinna, Rhea |
| 2:35pm – 2:37pm | **Introducing the Second Speaker**  Thank Bert again, as well as those who asked questions  Remind them as well there will be an opportunity to ask more questions later on during the panel discussion after we hear all presentations  We will start with the second speaker  Introduce the second topic briefly  *Our next speaker will focus more on specific applications and actuarial techniques in insurance. Get ready to sharpen your frequency and severity modeling knowhow in this very exciting display of back-to-basics loss models applications.*  Introduce the second speaker: Sara Venturina  *Sara is currently the Regional Advanced Analytics Practice Lead for Thakral One. With 20 years of work experience in end-to-end delivery of analytics projects and consulting background, she leads customer discussions on analytics strategy roadmap and capability build. She also conducts various Thakral One Data & Decision Science Academy courses on data science, and analytics culture. Previously she was responsible for leading the development and operationalization of analytical models across the enterprise as Director of Advanced Analytics for a Philippine telco company. Sara was also responsible for spearheading the development of business analytics for a Singapore public sector agency, and as a former Principal Analytics Consultant with SAS Singapore, Sara has supported various banking, telco and public sector implementation projects.*  *Sara concurrently heads the Competency Center of Thakral One Business Analytics Practice in Manila, in charge of the consultants’ capability development in various technologies and data science product development using open source tools. She holds an undergraduate degree in BS Statistics from the University of the Philippines and is currently a Board Member of the University of the Philippines School of Statistics Alumni Association.* | Rhea |
| 2:37pm – 3:22pm | ***Risk Management in Insurance***  ***by Sara Venturina*** | Sara |
| 3:22pm – 3:23pm | Thank Sara, kindfully request her to remain on stage, and then facilitate Q&A | Rhea |
| 3:23pm – 3:30pm | Q&A | Nino  Rhea |
| 3:30pm – 3:31pm | Thank Sara again, as well as those who asked questions  Remind them as well there will be an opportunity to ask more questions later on during the panel discussion after we hear all presentations  We will have a 15-minute break. Please enjoy the refreshments. | Rhea |
| 3:31 – 3:46pm | Break and Networking |  |
| 3:46 – 3:48pm | Reconvene participants  Introduce the third topic briefly  *Our last, but certainly not the least, speaker, will talk more about the role of actuaries in risk management, and how we can be more prepared to be at par with International Standards of Actuarial Practice for risk management practitioners.*  Introduce the third speaker: Rina Velasquez  *Rina Velasquez is currently the Head of Risk for Pru Life UK. Prior to this, she has served various actuarial leadership positions in FWD, Manulife, Philamlife and then Watson Wyatt.*  *Ms Rina is a Fellow of the Actuarial Society of the Philippines and also served as ASP President in 2010.* | Rhea |
| 3:48pm – 4:33pm | ***The Role of Actuaries in Risk Management***  ***by Rina Velasquez*** | Kenneth |
| 4:33pm – 4:36pm | Thank Kenneth, kindfully request her to remain on stage, and then facilitate Q&A | Rhea |
| 4:36pm – 4:40pm | Q&A | Rina  Rhea |
| 4:40pm-4:42pm | Thank Kenneth again, as well as those who asked questions  At this point, we would like to invite our three speakers back on stage for a panel discussion, to be moderated by Chris Young  Turnover to Chris | Rhea |
| 4:42pm – 5:00pm | Chris to open the panel discussion and invite questions from the crowd  Rhea /ASP Secretariat to help field in questions from the crowd  Chris to jump in in case there are no questions  Chris to cut off the panel discussion in case we exceed time allotted | Chris  Bert  Sara  Kenneth |
| 5:49pm – 5:53pm | Presentation of token of appreciation and certificate of appreciation to speakers | Chris and Rachelle |
| 5:53pm – 5:58pm | Picture taking  (To be facilitated by the ASP Secretariat) | All participants |
| 5:58pm - 6:00pm | This concludes the Data Analytics seminar. Thank you to all our speakers and participants and looking forward to your continued support and participation in ASP activities.  Plug as well for the next ASP Seminar regarding IFRS 17 on September.  Thank you and have a great weekend. | Rhea |