Data Analytics Committee

The Committee's role is to raise awareness on analytics skills that will be in demand in the future and share knowledge on applications of analytical practices and data technologies among SAS members and practice committees.

1) Education Sub-Committee - Help members to upgrade their analytical/programming skills by way of conducting machine learning courses, workshops, sharing relevant webinars, online courses and research papers.

2) Project/Kaggle/Publications Sub-Committee - Provide opportunities for members to gain practical experience in advanced predictive modelling techniques and data analytics.

Due to Covid we could not reconduct our Day conference with NTU or SMU as planned and as done in 2019 with NUS, instead the education and Kaggle sub-committees has been working hard on the worldwide competitions that were launched in December 2020 with several Actuarial Societies & Universities and that was initiated by Salyia in August 2019; a lot of effort which lead to 2 great competitions and at as January 2020 the numbers of participants is above expectation. More to come in 2021 with presentation via webinars and afternoon forum with the winners sharing their findings and approaches used in their projections. Special thanks for Colin PRIEST who provided the synthetic data used for the Kaggle Competition.

https://www.pricing-game.com/

3) Networking/Conference taskforce - Network with institutions, other actuarial societies, academia and corporate innovation labs etc. with the objective of gaining access to relevant speakers, teachers, volunteers and experts who can support our Committee to achieve its objectives and help other SAS committees with their initiatives relevant to analytics.

For the SAS Super week, we reached out to our network for the Data Analytics Day, out of the 6 presentations 3 were built by our committee members Jack Xia (Big Data in Motor Insurance - UBI and API & COVID-19 Data Monitoring and Analytics) and Kate CHEN (LTA Data Visualization)

Would you like to join us please contact Frederic.boulliung@partnerre.com

Frederic Boulliung, Chairman
Saliya Jinadasa, Deputy Chair
Data Analytics Committee

Committee webpage: [http://ww w.actuaries.org.sg/big_data](http://www.actuaries.org.sg/big_data)