

We would like to invite you to attend a workshop:

“Data Analytics for

Business Intelligence Workshop”

by Associate Professor Simon Fong and Ms. Gloria Li,
The University of Macau, Macau

Date: Wednesday 22nd August, 2018

Time: 08:30 a.m. - 16:00 p.m.

Venue: Training 4/1, 4th Floor, SIT Building, KMUTT



If you are interested in this workshop,
please reserve a seat by 21st August, 2018
at <https://goo.gl/forms/FGHbbOyLYAJooyqK2or> or QR Code:

Abstract:

This works shows you through the key steps of using MS Excel and Tableau to perform data analytics over Pivot Table, and to set up BI Dashboard. The BI Dashboard is composed of Pivot Tables and Pivot Charts which are built from a matrix of data with multiple columns. The other type of BI Dashboard is composed of Dimensions and Measures which can be used in many creative combinations for producing data visualization and dashboard. The learning outcomes of the workshop: Perform basic data analysis using Pivot Tables, and create different types of visualization charts; establish simple and interactive BI Dashboard that can be viewed using filters.

Speakers' Biography



Associate Professor **Simon Fong** graduated from La Trobe University, Australia, with a 1st Class Honours BEng. Computer Systems degree and a PhD. Computer Science degree in 1993 and 1998 respectively. Simon is now working as an Associate Professor at the Computer and Information Science Department of the University of Macau. He is a co-founder of the Data Analytics and Collaborative Computing Research Group in the Faculty of Science and Technology. Simon took up various managerial and technical posts, such as systems engineer, IT consultant and e-commerce director in Australia and Asia. He has published over 432 international conference and peer-reviewed journal papers, mostly in the areas of data mining, data stream mining, big data analytics, meta-heuristics optimization algorithms, and their applications. Simon serves as Vice-chair of IEEE Computational Intelligence Society (CIS) Task Force on "Business Intelligence & Knowledge Management", and Vice-director of International Consortium for Optimization and Modelling in Science and Industry (iCOMSI).



Ms. **Gloria Li** is currently a full-time researcher of DACC lab, and a MSc student major in E-Commerce Technology at the Department of Computer and Information Science, University of Macau, Macau SAR of China. She participated in the university the following activities: Advanced Individual in the School, Second Prize in the Smart City APP Design Competition of Macau, and Top 10 in the China Banking Cup Million Venture Contest. Campus Ambassador of Love. Gloria has internship experiences as aa Meituan Technology Company Product Manager from June to August 2017. She worked at Training Base of Huawei Technologies Co., Ltd. from September to October 2016. From February to June 2016, Gloria worked at Beijing Yangguang Shengda Network Communications as data analyst. Lately Gloria involved in projects such as ‘A Minutes’ Unmanned Supermarket by the University of Macau Incubation Venture Project since September 2017. Currently Gloria is a member of the Centre of Big Data and Cloud Computing, and Head of Data Analytics and Collaborative Computing Lab of Zhuhai Institute of Advanced Technology, Chinese Academy of Science, Zhuhai, China.