

Programme for MyStats 2018
19 November 2018 (Monday), Sasana Kijang, Kuala Lumpur
*“Embracing Data Science and Analytics to Strengthen
Evidence-Based Decision Making”*

| Time | Programme |
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| 08:00 | Registration <i>(Venue: Pre-Function Area, Conference Hall 1, Ground Floor)</i> Refreshment <i>(Venue: Pre-Function Area and Conference Hall 2, Lower Ground Floor)</i> |
| 09:00 | National Anthem Doa Recital |
| 09:10 | Opening Address by: YBhg. Dato’ Sri Dr. Mohd Uzir Mahidin Chief Statistician Malaysia, Department of Statistics, Malaysia (DOSM) Keynote address by: YB Dato’ Seri Mohamed Azmin bin Ali Minister of Economic Affairs Montage MyStats and Video on ISI WSC 2019 <i>(Venue: Auditorium, Lower Ground Floor)</i> |
| 09:35 | Group Photo <i>(Venue: Auditorium, Lower Ground Floor)</i> Press Conference <i>(Conference Hall 1)</i> <i>Coffee Break</i> Career Fair visit by VIPs <i>(Venue: Pre-Function Area and Conference Hall 2, Lower Ground Floor)</i> |
| 10:00 | 1st Plenary Session: <i>(Venue: Auditorium, Lower Ground Floor)</i> Data Science & Analytics: A New Skillset for Digitalised World and Big Data Era Data Science and Analytics is a new inter-disciplinary field that uses methods from various disciplines to extract knowledge or insights from data in various forms. This session provides an opportunity for experts in the relevant fields to discuss the impact of technology and digitalisation to data, explore ways to harness insights from data, particularly Big Data, to make effective decisions, and identify mitigating measures to navigate through this time of disruption due to digitalisation. |

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| | <p>Chairperson: Prof. Dr. Kamarulzaman Ibrahim President, Malaysia Institute of Statistics (ISM)</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Yusminar Yunus Director of Digital Government, The Malaysian Administrative Modernisation and Management Planning Unit (MAMPU) <i>Harnessing Data Science & Analytics for Data Driven Public Service Delivery</i> 2. Dr. Ong Hong Hoe Senior Director of Corporate Technology, MIMOS Berhad <i>Application of Data Analytics in Public Sector</i> 3. Stan Lee Chief Executive Officer, Convedge Sdn Bhd <i>When Human Crossing Path with Data</i> |
| 11:30 | <p>Parallel Session 1(a), 1(b), 1(c):</p> <p>Data Science & Analytics</p> <p>Data driven discovery, leveraging on data science and analytics, is an emerging trend that is currently impacting many industries and sectors. This session gathers policymakers and regulators from the official sector, private sector researchers and industry experts, as well as the academia to share experiences in the adoption and application of data science and analytics in problem solving and decision makings. The session will also discuss how technological advancement and methodological innovation, particularly in data science and analytics, can bring new opportunities to the enterprises, government and academia.</p> <p>Session 1(a): Adoption of Data Science and Analytics by the Industry <i>(Venue: Auditorium, Lower Ground Floor)</i></p> <p>Chairperson: Prof. Dr. Yeah Kim Leng Professor of Economics, Sunway University Business School</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Lau Cher Han Chief Data Scientist, UCAN Technologies Sdn Bhd <i>Towards a Data-Driven Decision Making Culture</i> |

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| | <p>2. Alex Khor Manager of Business Development, Ocean Bridge Sdn Bhd <i>Data Sourcing and Submission Initiatives</i></p> <p>3. Sadish Ray General Manager of Data & Analytics, CTOS Data Systems Sdn Bhd <i>Adoption of Data Science and Analytics by CTOS Credit Rating Agency - Digital Data Decisioning</i></p> <hr/> <p>Session 1(b): Adoption of Data Science and Analytics by the Public Sector <i>(Venue: Forum, Level 1)</i></p> <p>Chairperson: Hajjah Nazaria Baharuddin Deputy Chief Statistician Technical Development & Social, DOSM</p> <p>Speakers:</p> <p>1. Dr. Marliza Binti Mohamed Deputy Director, Revenue Collection Department, Inland Revenue Board Of Malaysia (LHDN) <i>Information-Technology-Innovation</i></p> <p>2. Nur Aziha binti Mansor @ Noordin Principal Assistant Director, Methodology and Research Division, DOSM <i>STATSBDA: Accelerates Statistics through Big Data</i></p> <p>3. Lim Kok Eng Deputy General Manager, Analytics, Securities Commission Malaysia <i>Adoption of Data Science and Analytics in Regulation: Capital Market Supervision & Surveillance</i></p> <p>4. Prof. Madya Dr. Sri Devi Ravana Head of Information Systems Department, University of Malaya <i>Designing Curricula to Meet the Needs of Future Data Scientist</i></p> <hr/> <p>Session 1(c): Adoption of Data Science and Analytics by the Academia I <i>(Venue: Training Room 2.3 & 2.4, Level 2)</i></p> |

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| | <p>Chairperson: Prof. Madya Dr. Yong Zulina Malaysia Institute of Statistics (ISM)</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr. Shafaatunnur Hasan Senior Lecturer, UTM Big Data Centre, Universiti Teknologi Malaysia <i>Analytics Everywhere - From Beast to Beauty Data</i> 2. Dr. Azian Azamimi Abdullah Lecturer, School of Mechatronic Engineering, Universiti Malaysia Perlis <i>Application of Big Data and Machine Learning in Bioinformatics</i> 3. Dr. Shaiful Anuar Abu Bakar Senior Lecturer, Institute of Mathematical Sciences, Faculty of Science, University of Malaysia <i>Dealing Actuarial Parametric Models with R Statistical Software</i> 4. Nurul Hanis Aminuddin Universiti Kebangsaan Malaysia <i>Modelling Dependence between Islamic and Conventional Stock Markets using Copulas and GARCH Family Models</i> |
| 12.45 | Lunch Break (Venue: KMC Atrium & Conference Hall 1, Ground Floor) |
| 14:00 | <p>Parallel Session 2(a), 2(b), 2(c):</p> <p>Statistical standards, methodologies and applications in the Digitalised World and Big Data Era</p> <p>Data driven initiatives within the governments and enterprises have been led by a culture of innovation to enhance business applications and policy developments. As innovation advances the future of data science and analytics, organisations are confronted with the challenges of how to harness their capability to drive effective decision making. This session brings together experts from various sectors and industries to explore practical tools and strategies, leveraging on data science and analytics, for organisations to produce efficiencies, enhance service delivery and make informed decisions.</p> |

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| | <p>Session 2(a): Data Science and Analytics in the Big Data Era by the Industry <i>(Venue: Auditorium, Lower Ground Floor)</i></p> <p>Chairperson: Toh Hock Chai Director of Statistical Services Department, Bank Negara Malaysia</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Mohammad Shazri Shahrir Senior Data Scientist, Moneylion Malaysia Sdn Bhd <i>Modelling for Efficiency or Understanding: Is The Rise of Automation Creating a Bigger Chasm Between The Two?</i> 2. Low Chin Kuan Solution Architect, Infoscape Analytics Sdn Bhd <i>Data Collection using Big Data Technology</i> 3. Premkumar Chandra Shegaran Product Lead, The Center of Applied Data Science <i>Data-Driven Product Development, A Perspective on What, Why and How?</i> <hr style="border-top: 1px dashed black;"/> <p>Session 2(b): Adoption of Data Science and Analytics by the Academia II <i>(Venue: Forum, Level 1)</i></p> <p>Chairperson: Dr. Nurulkamal Masseran Malaysia Institute of Statistics (ISM)</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Prof. Madya Dr. Wee-Yeap Lau Associate Professor, Department of Applied Statistics, Faculty of Economics and Administration, University of Malaya <i>Impact of New Foreign Exchange Rule on Malaysian Currency Post-U.S. Election: An Assessment</i> 2. Dr. Mario Arturo Ruiz Estrada Senior Lecturer, Sosial Security Research Centre, Faculty of Economics and Administration, University of Malaya <i>Googlekonomia</i> 3. Dr. Koh You Beng Lecturer, Institute of Mathematical Sciences, Faculty of Science, University of Malaya <i>Trading Strategy by Using Markov Regime Switching Models: The Malaysia Case</i> |

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| | <p>4. Prof. Madya Dr. Azhar Mohamad Associate Professor of Finance, Kulliyyah of Economics and Management Sciences, International Islamic University Malaysia <i>Is There a J-Curve between Malaysia and her Trading Partners? Evidence from Industry Level Data</i></p> <hr/> <p>Session 2(c): Adoption of Data Science and Analytics by the Academia III (Venue: Training Room 2.3 & 2.4, Level 2)</p> <p>Chairperson: Dr. Adriana Irawati Nur Ibrahim Malaysia Institute of Statistics (ISM)</p> <p>Speakers:</p> <p>1. Prof. Dr. Habshah Midi Professor , Department of Mathematics, Faculty of Science, Universiti Putra Malaysia <i>The Effect of Outliers on the Within Group Least Squares Estimates for Fixed Effect Panel Data Model and How to Remedy Them</i></p> <p>2. Dr. Amir Syahir Amir Hamzah Senior Lecturer, Faculty of Biotechnology and Biomolecular Sciences, Universiti Putra Malaysia <i>Introducing the Good Honey Index (GHI) to Determine Quality of Stingless Bee Honey</i></p> <p>3. Dr. Norshahida Shaadan Lecturer, Faculty of Computer and Mathematical Sciences, Universiti Teknologi MARA <i>Data Analytics for Visualizing Air Pollutant Curves: Application of Functional Data Analysis</i></p> <p>4. Nurkhairany Amyra Mokhtar National Defence University of Malaysia <i>Modelling Wind Direction using Simultaneous Linear Functional Relationship for von Mises Distribution</i></p> |

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| 15:15 | <p>2nd Plenary Session: <i>(Venue: Auditorium, Lower Ground Floor)</i></p> <p>Data Science & Analytics: A New Skillset for Digitalised World and Big Data Era</p> <p>Chairperson: Hj. Ibrahim bin Jantan Deputy Chief Statistician Economy, DOSM</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Nurhisham Hussein Head of Economic & Capital Markets Department, Employees Provident Fund (EPF) <i>The EPF Experience</i> 2. Dr. Yati Kurniati Executive Director of Statistics Department, Bank Indonesia <i>Measuring Economic Policy Uncertainty (EPU) in Indonesia</i> 3. Dr. Chew Yew Choong Principal Data Scientist, RHB Bank <i>Accelerates Data Science with Automated Machine Learning</i> |
| 16:30 | <p>Panel Discussion: <i>(Venue: Auditorium, Lower Ground Floor)</i></p> <p>Data Science and Analytics to Strengthen Decision Makings: Direction Forward</p> <p>Chairperson: YBhg. Dato' Sri Dr. Mohd Uzir Mahidin Chief Statistician Malaysia, Department of Statistics, Malaysia (DOSM)</p> <p>Panellist:</p> <ol style="list-style-type: none"> 1. Hazami Habib Chief Executive Officer, Academy of Sciences Malaysia 2. Jacob Isaac Managing Director of New Technologies, Fusionex 3. Sadish Ray General Manager of Data & Analytics, CTOS Data Systems Sdn Bhd |

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| | <p>4. Prof. Dr. Hajah Azlinah Haji Mohamed Dean Faculty of Computer & Mathematical Sciences, Universiti Teknologi MARA</p> |
| 17:45 | <p>Closing Remarks by:</p> <p>YBhg. Dato' Sri Dr. Mohd Uzir Mahidin Chief Statistician Malaysia, Department of Statistics, Malaysia (DOSM) <i>(Venue: Auditorium, Lower Ground Floor)</i></p> |