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#DataConAfrica



DataCon Africa

2019 CAPE TOWN

13-14 March 2019, Cape Town, South Africa

MAIN CONFERENCE DAY 1: 13 MARCH 2019

| | |
|---------------|---|
| 07:30 – 08:30 | Registration |
| 08:30 – 08:40 | People Bingo |
| 08:40 – 08:45 | Welcome & Opening Address |
| 08:45 – 09:00 | Lead Partner Presentation Reserved for Microsoft |
| 09:00 – 09:30 | International Keynote: How AI & Data Science Can Be Used to Improve Products <i>Speaker tbc</i> |
| 09:30 – 10:00 | Enablement of Agile Rapid BI Methodology in the FinTech sector Hannelie Lotz, Data Lead - Strategic Portfolio Management, Old Mutual Group Finance |
| 10:00 – 10:30 | Moving Past Model.Fit() – Data Science & Machine Learning in the Wild Guy Taylor, Head: Data Driven Intelligence, Nedbank |
| 10:30 – 11:00 | Get Refreshed! Mingle. |
| 11:00 – 11:30 | Associate Partner Presentation Reserved for Alteryx |
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| 11:30 – 12:30 | The BIG Question 1: How did you Effect Change in your Organisation through Data Analytics? Pushing past theory into real outcomes this session will feature 3 presentations on how data analytics drove business change. Case Study 1: How did AB InBev Increase Price Point & Revenue Through Data Science Insights? Abigail Britton, Data Science Lead, AbInBev Case Study 2: How is Liberty Driving Business Value & Assurance Through Data Driven Audits? Tebogo Mabitsela, Manager: Data Analytics, Technology & Innovation, Liberty Case Study 3: How is Mediclinic Improving Patient Outcomes & Safety in a Data Driven Environment? Rene Toua, Chief Clinical Officer, Mediclinic International |
| 12:30 – 13:00 | Data Monetization – Feasibility, Strategy & Challenges Siobhain O'Mahony, Head of Analytics, Investec Private Bank |

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| 13:00 – 13:30 | Associate Partner Presentation <i>Reserved for Altron Karabina</i> | | | ALTRON KARABINA |
| 13:30 – 14:30 | Lunch & Networking | | | |
| | Stream A: Data Governance | Stream B: Strategy & Operations | Stream C: Data Science / AI / ML | |
| 14:30 – 15:00 | Stream Sponsor  HITACHI Inspire the Next <i>Reserved for</i> Hitachi Vantara | Discussion Group 1B: Building a Trusted & Value-Adding Data Analytics Office Jannie van Schalkwyk , <i>Group General Manager: Analytics & Reporting, Mediclinic International</i> | Use Case 1C: How does the City of Cape Town use Data Science to Analyze & Predict Riaz Arbi , <i>Principal Professional Officer: Data Science, City of Cape Town</i> | |
| 15:00 – 15:30 | Discussion Group 1A: Identifying & Implementing MDM Strategies & Linking it to Your Business Processes Steve Naudé , <i>Head of Data, Altech Netstar</i> | Discussion Group 2B: How to Retain the Data Team – Keeping them Safe from Poachers Monika du Toit , <i>Data Scientist, Capitec Bank</i> | Use Case 2C: Optimising public transport in Sub-Saharan Africa with Big Data & Data Science Ketan Tailor , <i>Analytics Manager Sub-Saharan Africa, Uber</i> | |
| 15:30 – 16:00 | Get Refreshed! Mingle | | | |
| 16:00 – 16:30 | Discussion Group 2A: Being Effective While Being Compliant: Managing the Impact of GDPR & POPI Janine West , <i>Data Privacy Officer, Investec Private Bank</i> Marisa Bennett , <i>Information Governance Officer & Deputy Privacy Officer: POPIA, WesBank</i> | Discussion Group 3B: Deploying an AI strategy – Are you Ready & What to do Next Manish Dullabh , <i>Head: Artificial Intelligence, Absa</i> | Use Case 3C: How Data Science, Analytics & Drones are being used for crop protection on farms Benji Meltzer , <i>Chief Technology Officer, Aerobotics</i> | |
| 16:30 – 17:00 | Discussion Group 3A: Data Ownership – Accessibility & Accountability Siobhain O'Mahony , <i>Head of Analytics, Investec Private Bank</i> | Discussion Group 4B: Culture Eats Strategy for Breakfast – Enforcing the Data-Driven Culture Francois Vermeulen , <i>Group Head: Business Intelligence & Analytics, HomeChoice Holdings</i> | Use Case 4C: Can (A)I Get you a Drink? How Data Science & AI is Being Used to Help Customers Choose their Drink of Choice Jan Thomas , <i>Chief Data & Design Officer, ask-jean</i> | |
| 17:00 | DataJam 2019 | | | |
| 18:00 – 20:00 | Think{Tank} Dinner Masterclass <i>(SOLD OUT – Breakfast Masterclass added for 14th)</i> Bridging the Gulf Between AI Research & Production Data Science Thousands of new research papers appear every year pushing AI forward at an ever increasing pace, widening the gap between the frontiers of AI and the typical data science and BI algorithms deployed in practice. How can this widening gap best be managed in the coming years? We will review the latest progress in machine learning, discuss where AI is headed and highlight some best-practices for effectively bridging the AI-data science gap. Bruce Bassett , <i>Head of Data Science & Machine Learning, SKA South Africa</i> | | | |



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MAIN CONFERENCE DAY 2: 14 MARCH 2019

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|---------------|---|
| 07:00 – 09:00 | <p>Think{Tank} Breakfast Masterclass <i>(Stand-alone session, registration required)</i></p> <p>Bridging the Gulf Between AI Research & Production Data Science</p> <p>Thousands of new research papers appear every year pushing AI forward at an ever increasing pace, widening the gap between the frontiers of AI and the typical data science and BI algorithms deployed in practice. How can this widening gap best be managed in the coming years? We will review the latest progress in machine learning, discuss where AI is headed and highlight some best-practices for effectively bridging the AI-data science gap.</p> <p>Bruce Bassett, Head of Data Science & Machine Learning, SKA South Africa</p> |
| 08:00 – 08:30 | Registration |
| 08:30 – 08:40 | People Bingo |
| 08:40 – 08:45 | Welcome & Opening Address |
| 08:45 – 09:00 | Lead Partner Presentation Reserved for Microsoft |
| 09:00 – 09:00 | International Case Study: The Development of a Data Driven Enterprise Louise Blake, Head of Data, AI Tassar Group (UAE) |
| 09:30 – 10:00 | Mutual Data Pools & Fraud Detection Claudia Fah, Fraud Analytics Manager, BankservAfrica |
| 10:00 – 10:30 | How to Run Like Usain Bolt by Using Big Data & Analytics Jaco Burger, Former Independent Sport Scientist to Professional Tennis Players on ATP World Tour & current Big Data Analytics Researcher & Consultant |
| 10:30 – 11:00 | Get Refreshed! Mingle. |
| 11:00 – 11:30 | Associate Partner Presentation Reserved for Xineoh |
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| 11:30 – 12:30 | <p>The BIG Question 2: How did you Effect Change in your Organisation through Data Analytics? Pushing past theory into real outcomes this session will feature 3 presentations on how data analytics drove business change.</p> <p>Case Study 4: How did MyBucks Achieve Business Value from Machine Learning, Chatbots & Predictive AI Credit Scoring Systems? Dr. Christiaan van der Walt, Chief Technology Officer, MyBucks</p> |

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| | <p>Case Study 5: How the City of Cape Town is Using Real-Time Flow Data Analytics & Intelligent Data Imaging to Minimise Bias in Decision Making?</p> <p>Case Study 6: How is Harambee Youth Employment Accelerator Leveraging Data & AI to Tackle the Challenge of Youth Unemployment in Africa Paul dos Santos, Data Scientist, Harambee Youth Employment Accelerator</p> | | |
| 12:30 – 13:00 | <p>When Data & Culture Collide: Misconceptions of Informal Lending Theunis Jansen van Rensburg, Head of Credit, Wonga</p> | | |
| 13:00 – 13:30 | <p>Reserved for Associate Partner Reserved for SAS</p>  | | |
| 13:30 – 14:30 | Lunch & Networking | | |
| | Stream A: Data Governance | Stream B: Strategy & Operations | Stream C: Data Science / AI / ML |
| 14:30 – 15:00 | <p>Discussion Group 4A: Managing Data Effectively – Maintaining the Quality & Keeping the Lake Clean Junior Muka, Data Architect – Business Intelligence, Woolworths</p> | <p>Discussion Group 5B: Organisational Challenges When Implementing Machine Learning Jaco du Toit, Principal Data Scientist, Vodacom</p> | <p>Use Case 5C: Data Visualization & Storytelling Zahier Kajee, Head of Visualization, Absa Valencia Cleinwerck, Data Solutions Manager, Pernod Ricard</p> |
| 15:00 – 15:30 | <p>Discussion Group 5A: Analytics Governance & Ethics – Governing the Products Developed from the Data Solomon Monama, Executive: BI & Customer Analytics, Edcon</p> | <p>Discussion Group 6B: Connecting all Data to get a Holistic View of the Customer Tiaan van Zyl, Head of Digital Analytics, TrafficBrand Cobus van den Berg, Chief Data Architect, Absa</p> | <p>Use Case 6C: How Data Science is applied to the cryptocurrency industry Nicholas Nghidipaa, Data Science Analyst, Luno</p> |
| 15:30 – 16:00 | Get Refreshed! Mingle. | | |
| 16:00- 16:30 | <p>Discussion Group 6A: Identifying your Challenges in Self Service BI, Overcome & Implement Genevieve Mannel, Head: IT, Cipla South Africa Thomas Wood, Head of BI & Analytics, Massdiscounters</p> | <p>Discussion Group 7B: Change Management – Vital Piece to the Puzzle Elfriede Teske, Chief Data Officer, FirstRand Namibia Wesley Weidemann, Group Executive: Analytics, Life Healthcare</p> | <p>Use Case 7C: How Data Science can be Applied in the Online Shopping Industry Francois van Heerden, Group Lead: BI & Data Science, Silvertree Internet Holdings</p> |
| 16:30 – 17:00 | <p>Discussion Group 7A: Moving your Data Governance from Planning to Action with Agile Approach Adel Evert, Manager: Data Governance, Capitec Bank</p> | <p>Discussion Group 8B: Implementing In-Depth Strategy & Aligning the Analytics Strategy with Business Strategy Joshua Knight, Jet Customer: Strategic Analyst, Edcon</p> | <p>Use Case 8C: How GSK is Using Data Analytics & Data Science to Determine Cost Arthur Price, Senior Cost Analyst, GSK</p> |
| 17:00 | DataCon Africa 2019 Closing Drinks | | |



FOCUS DAY: 12 MARCH 2019

(Stand-Alone Sessions, Registration Required)

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| 09:00 | Registration |
| 09:45 | Meetings Mashup |
| 09:50 | Welcome & Opening Remarks |
| 10:00 | What is a Truly Data Driven Company? Building an AI / Data Science Practice & Driving the Culture <i>Speaker tbc</i> |
| 11:00 | Morning Tea |
| 11:30 | What is a Truly Data Driven Company? Building an AI / Data Science Practice & Driving the Culture (cont.) <i>Speaker tbc</i> |
| 12:30 | Lunch & Networking |
| 13:30 | Towards Business-as-Usual: On the Road to a Data-Driven Organisation through Change Management One of the biggest hurdles in the implementation of data related initiatives is change management. During this interactive session, we will unpack the key aspects of change which will path the data road towards a Data-Driven Organisation, embedding a data driven culture. Realising change management is all about people, then start with the business problem and ask why you would like to change. Define your objectives and make sure they are measurable and realistic. PJ Bezuidenhout, Chief Data Officer, WesBank Elfriede Teske, Chief Data Officer, FirstRand Namibia |
| 14:30 | Afternoon Tea |
| 15:00 | Treading Business Unusual: A Data-Driven Organisation Risking Everything, how to Prepare Through Change Management? Being Data-Driven opens the organisation to certain risks. Risks that can be mitigated and others unavoidable. In this interactive session the facilitators will share some example when data controls fail and how organisations are role-playing scenarios to prepare themselves for when these events do happen. We will be exploring another aspect of Change Management in a Data-Driven Organisation. PJ Bezuidenhout, Chief Data Officer, WesBank Marisa Bennett, Information Governance Officer & Deputy Privacy Officer: POPIA, WesBank |

16:00

Conclusion of Pre-Conference Focus Day