



DataCon Africa

2019 CAPE TOWN

MAIN CONFERENCE DAY 1: 13 MARCH 2019

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| 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 – From the Edge of Analytics Steve Dunbar , IoT Commercial Director – Middle East & Africa, Microsoft  Microsoft |
| 09:00 – 09:45 | Moving Past Model.Fit() – Data Science & Machine Learning in the Wild Guy Taylor , Head: Data Driven Intelligence, Nedbank |
| 09:45 – 10:30 | Data Monetization – Feasibility, Strategy & Challenges Siobhain O'Mahony , Head of Analytics, Investec Private Bank |
| 10:30 – 11:00 | Get Refreshed! Mingle. |
| 11:00 – 11:30 | Associate Partner Presentation – Winning Strategies to Overcome Analytic Obstacles Vishal Soni , Data Solutions Architect, Alteryx  alteryx The Thrill of Solving |
| 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 | Deploying an AI strategy – Are you Ready & What to do Next Manish Dullabh , Head: Artificial Intelligence, Absa |
| 13:00 – 13:30 | Associate Partner Presentation – Still Not Moved Your Data to the Cloud? Really? We move-to-the-clouds evangelists have obviously not convinced everyone. There's still plenty of CIOs asking, "Isn't it unsafe? Isn't it more expensive?" The answer is - if cloud isn't a major thread of your data fabric over the next two years, your analytics users are definitely going to be left in the cold. It's time to move on from worrying about how to keep your data centre running to generating data-driven business returns for your users. Paul Morgan , Business Unit Lead: Data, Planning and Analytics, Altron Karabina  ALTRON KARABINA |
| 13:30 – 14:30 | Lunch & Networking |

| | Stream A: Data Governance | Stream B: Strategy & Operations | Stream C: Data Science / AI / ML |
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| 14:30 – 15:00 | <p>Stream Sponsor  Inspire the Next</p> <p>Unlock Your Data to Deliver More Valuable Insights JP Smith, Pre-Sales Director: Emerging EMEA Markets, Hitachi Vantara</p> | <p>Stream Sponsor </p> <p>Release the Breaks & Accelerate Your Journey to AI Wolfgang Knupp, Lead Data & AI Architect, IBM South Africa</p> | <p>Use Case 1C: Bootstrapping Data Science in a Large Organisation; Using FOSS & Containers for Quick Wins Riaz Arbi, Principal Professional Officer: Data Science, City of Cape Town</p> |
| 15:00 – 15:30 | <p>Discussion Group 1A: Identifying & Implementing MDM Strategies & Linking it to Your Business Processes Steve Naudé, Head of Data, Netstar</p> | <p>Discussion Group 1B: Building a Trusted & Value-Adding Data Analytics Office Jannie van Schalkwyk, Group General Manager: Analytics & Reporting, Mediclinic International</p> | <p>Use Case 2C: Optimising public transport in Sub-Saharan Africa with Big Data & Data Science Ketan Tailor, Analytics Manager Sub-Saharan Africa, Uber</p> |
| 15:30 – 16:00 | Get Refreshed! Mingle | | |
| 16:00 – 16:30 | <p>Discussion Group 2A: Being Effective While Being Compliant: Managing the Impact of GDPR & POPI Janine West, Data Privacy Officer, Investec Private Bank Marisa Bennett, Information Governance Officer & Deputy Privacy Officer: POPIA, WesBank</p> | <p>Discussion Group 2B: How to Retain the Data Team – Keeping them Safe from Poachers Monika du Toit, Data Scientist, Capitec Bank</p> | <p>Use Case 3C: How Data Science, Analytics & Drones are being used for crop protection on farms Benji Meltzer, Chief Technology Officer, Aerobotics</p> |
| 16:30 – 17:00 | <p>Discussion Group 3A: Data Ownership – Accessibility & Accountability Siobhain O'Mahony, Head of Analytics, Investec Private Bank</p> | <p>Discussion Group 4B: Culture Eats Strategy for Breakfast – Enforcing the Data-Driven Culture Guy Taylor, Head: Data Driven Intelligence, Nedbank</p> | <p>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, Chief Data & Design Officer, ask-jean</p> |
| 17:00 | End of Day 1 | | |
| 18:00 – 20:00 | <p>Think{Tank} Dinner Masterclass</p> <p>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, Head of Data Science & Machine Learning, SKA South Africa</p> | | |



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MAIN CONFERENCE DAY 2: 14 MARCH 2019

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| 07:00 – 09:00 | Think{Tank} Breakfast Masterclass 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> |
| 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 – Modern Data Estate – Key Enabler for Analytics & AI Ken Habson , <i>Sales Director: Data & AI, Microsoft</i>  |
| 09:00 – 09:30 | International Case Study: The Development of a Data Driven Enterprise Alexander Metlewicz , <i>Senior Manager – BI & Data Science, AI Tayyar Group (UAE)</i> |
| 09:30 – 10:00 | Mutual Data Pools & Fraud Detection Claudia Fah , <i>Fraud Analytics Manager, BankservAfrica</i> |
| 10:00 – 10:30 | Implementation of an Adaptive Fraud Detection System in Life Insurance – Lessons Learnt Marc van der Zon , <i>Head of Analytics, Hollard Insurance</i> |
| 10:30 – 11:00 | Get Refreshed! Mingle. |
| 11:00 – 11:30 | The AI Driven Organisation: What is Hype, What Is Not & What Can be Implemented Now? Vian Chinner , <i>Founder & CEO, Xineoh</i>  |
| 11:30 – 12:30 | 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. Case Study 4: How Has Data Driven Insights Effected Change at Nedbank? Guy Taylor , <i>Head: Data Driven Intelligence, Nedbank</i> Case Study 5: How is Harambee Youth Employment Accelerator Leveraging Data & AI to Tackle the Challenge of Youth Unemployment in Africa? Paul dos Santos , <i>Data Scientist, Harambee Youth Employment Accelerator</i> Case Study 6: How the City of Cape Town is Using Real-Time Flow Data Analytics & Intelligent Data Imaging to Minimise Bias in Decision Making? Matthew Ferguson , <i>Manager: Valuation Surveys & Data Quality, City of Cape Town</i> |

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| 12:30 – 13:00 | When Data & Culture Collide: Misconceptions of Informal Lending Theunis Jansen van Rensburg, Head of Credit, Wonga | | |
| 13:00 – 13:30 | Associate Partner Presentation – The SAS Data Science & AI Platform for the Modern Data Scientist. Choice and Control – How to find the right balance to successfully execute analytics and achieve optimal ROI on data, talent and technology? Aneshan Ramaloo, Advanced Analytics Practice Lead, SAS Kelly Lu, Advanced Analytics and Artificial Intelligence Solutions Manager, SAS  | | |
| 13:30 – 14:30 | Lunch & Networking | | |
| | Stream A: Data Governance | Stream B: Strategy & Operations | Stream C: Data Science / AI / ML |
| 14:30 – 15:00 | Discussion Group 4A: Managing Data Effectively – Maintaining the Quality & Keeping the Lake Clean Junior Muka, Data Architect – Business Intelligence, Woolworths | Discussion Group 5B: 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 | Discussion Group 5C: Data Visualization & Storytelling Zahier Kajee, Head of Visualization, Absa Valencia Cleinwerck, Data Solutions Manager, Pernod Ricard |
| 15:00 – 15:30 | Discussion Group 5A: Governance in the Cloud Marisa Bennett, Information Governance Officer & Deputy Privacy Officer: POPIA, WesBank | Discussion Group 6B: Change Management – Vital Piece to the Puzzle Elfriede Teske, Chief Data Officer, FirstRand Namibia Wesley Weidemann, Group Executive: Analytics, Life Healthcare | Use Case 6C: Using Data to Identify & Action Untapped Opportunities in the African Beer Market Abigail Britton, Data Science Lead, AblnBev |
| 15:30 – 16:00 | Get Refreshed! Mingle. | | |
| 16:00- 16:30 | 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 | Discussion Group 7B: Delivering Value Adding Intelligent Insights Efficiently & Effectively Paul Swanepoel, Senior Manager Data Science, BroadReach | 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 |
| 16:30 – 17:00 | Discussion Group 7A: Moving your Data Governance from Planning to Action with Agile Approach Manrich Kotze, Lead Data Governance Analyst, Capitec Bank | Discussion Group 8B: Implementing In-Depth Strategy & Aligning the Analytics Strategy with Business Strategy Joshua Knight, Jet Customer: Strategic Analyst, Edcon | Use Case 8C: How Data Science & Analytics Tools are Being Used by the AI Tayyar Group to Support & Enable the Data-Driven Organisation Alexander Metlewicz, Senior Manager – BI & Data Science, AI Tayyar Group (UAE) |
| 17:00 | End of DataCon Africa 2019 | | |



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2019 CAPE TOWN

FOCUS DAY: 12 MARCH 2019

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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 & How to Build the Way There? Defining what a data driven company really is; Building blocks of a data driven company; By-product of being data driven; So what now? Where to next? Jaco du Toit, Principal Data Scientist, Vodacom |
| 10:45 | Get Refreshed! Mingle |
| 11:15 | Building a Data Science Practice & Driving The Culture <ul style="list-style-type: none">- Defining the role of your Data Science team- How to ensure well defined projects and business questions?- Importance of academic research in your Data Science team- Is your Data Science team actually doing Data Science work?- How to set up experimentation frameworks?- Conflict management between collaborating departments- Impact of data sources changing after POC development- Collaboration with subject matter experts in POC development- Technical Debt- Why project management methodologies often fail? Jaco du Toit, Principal Data Scientist, Vodacom |
| 12:00 | Lunch & Networking |
| 13:00 | 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 |
| 14:00 | Get Refreshed! Mingle |
| 14:30 | 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 |
| 15:30 | Conclusion of Pre-Conference Focus Day |