Analytics 4.0 for Financial Executives

*Tomorrow's CFO*

Digitization/digital transformation and industry 4.0 are being implemented in forward-thinking companies as well as companies who are seriously affected by new entrants/competitors that are ahead in digital business.

What if CFOs can benefit from very advanced analytics?

Analytics 4.0 will change the way financial professionals advise businesses and the way they attain financial and operational improvements. Gain insight from this panel as they share their journey through digital transformation and what it means for finance.
Speakers

**James Rice**  
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# Maturity Curve

## Manual-based risk and control management

**Basic**
- Approach not driven by risk
- Redundant controls
- Manually-intensive business & IT processes and controls
- Inefficient testing
- "Reactive" approach to identifying & addressing control issues

**Manual**
- Risk based approach
- Rationalized controls
- Management platform
- Manually intensive testing procedures
- Testing requires large sample sizes
- Minimal application controls

**Automated**
- Leverage application-based business & IT process controls
- More efficient testing of controls
- Some automated testing capabilities
- Reduced testing sample sizes
- Efficient operation of controls

## Technology-enabled risk and control management

**Monitored**
- Continuous monitoring controls
- Efficient operation of controls
- "Proactive" approach to identifying & addressing control issues
- Demonstrated effectiveness of controls
- Sustainable compliance processes
- ROI/Business value

**Optimized**
- Minimized effort to perform manual controls
- Controls and Compliance Optimization drives business process and systems design
- Risk and Controls drives the Maximized automation through Process Control
- Integrating Robotics Process Automation (RPA) to minimize manual follow-ups and execution

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**Embedding Automated Controls**

**Optimizing Testing, Monitoring, and Compliance (Priority Goal)**

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