

Specification of Competency Standards
for the Banking Industry
Unit of Competency

Functional Area - 6. Technology Management
(Key Function – 6.5 Enterprise Intelligence)

Title	Execute Big Data Analytics administration
Code	109402L4
Range	Coordination with technology partners and business functions to set up and administer Big Data Analytics architecture including, but not limited to customer experience, segmentation, products, operations, credit, risks and workflow processes, etc.
Level	4
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge in the Subject Area</p> <p>Be able to:</p> <ul style="list-style-type: none"> • Possess consumer infrastructure knowledge and emerging technologies (e.g. Stream analytics, Machine Learning tools and products) to instil changes on consumer experience; • Understand characteristics and key factors of effective technological change; and to evolve the current state architecture together with other technology partners to execute next generation technologies which are built on the Big Data Analytics platform of the bank. <p>2. Applications</p> <p>Be able to:</p> <ul style="list-style-type: none"> • Interact with various technical and development teams to lead and vet infrastructure designs and implementation across technology partners' technical teams and with business users; • Partner with industry vendors that provide technology or user experience design components that support the bank's Big Data architecture; • Build, maintain and enhance infrastructure environment supporting tools for the bank's Big Data capabilities; • Manage Big Data analysis environment and perform setup, administration, and monitoring tasks; • Install and configure software updates and deploy application code releases to production and non-production environments. <p>3. Professional Behaviour and Attitude</p> <p>Be able to:</p> <ul style="list-style-type: none"> • Be eager to identify opportunities to increase the bank's development velocity and learning; • Perform analysis and provide input to support capacity planning and solution design decision hence to utilize the bank's capacity to a greater extent; • Help data analytics teams and users to design, develop and deploy new analytics solutions for higher efficiency; • Embark on a strategic initiative to take advantage of innovation in data and advanced analytic technologies to enable a visionary-driven business strategy.
Assessment Criteria	The integral outcome requirements of this UoC are:

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	<ul style="list-style-type: none">• Working together with technology and business partners to set up, maintain and develop the Big Data infrastructure environment with an aim to bring about evolution to Big Data Analytics capabilities of the bank;• Provision of technical support to analytics teams and users to develop and deploy new analytics solutions effectively.
Remark	