Unit of Competency

Technology Management > 5.2 Enterprise Intelligence

Title	Execute Big Data analytics administration
Code	107434L4
Range	Coordinate 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

Competency	Performance Requirements
	1. Utilize emerging technologies to administer and evolve Big Data analytics architecture
	     Be able to:
	  • Master consumer infrastructure knowledge and emerging technologies (e.g., Stream analytics, Machine Learning tools and products) to instill changes on consumer experiences
	  • Embark on a strategic initiative to take advantage of innovation in data and advanced analytic technologies to enable a visionary-driven business strategy
	  • Evolve the bank's current state architecture together with other technology partners to incorporate next generation technologies built on the Big Data analytics platform
	2. Build and maintain the bank's Big Data capabilities
	     Be able to:
	  • Interact with various technical and development teams to lead and vet infrastructure designs and implementation across technology partners' technical teams and with business users
	  • Build, maintain and enhance infrastructure environment supporting tools for the bank's Big Data capabilities
	  • Manage Big Data analysis environment (e.g. Cloudera Hadoop) and perform setup, administration, and monitoring tasks
	3. Work with business and technology partners to enhance the bank's Big Data architecture
	     Be able to:
	  • Partner with industry vendors that provide technology or user experience design components that support the bank's Big Data architecture; is eager to identify opportunities to increase the bank's development velocity and learning
	  • Install & configure software updates and deploy application code releases to Production & Non-Production environments
	  • 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 analytic solutions for higher efficiency

Assessment Criteria	The integral outcome requirements of this UoC are:
	  • Work 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
	  • Provide technical support to analytics teams and users to develop and deploy new analytic solutions effectively

Remark	