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| **TSC Category** | Governance and Compliance | | | | | |
| **TSC Title** | Data Sharing | | | | | |
| **TSC Description** | Assess the value of data to achieve a competitive advantage and business objectives | | | | | |
| **TSC Proficiency Description** | **Level 1** | **Level 2** | **Level 3** | **Level 4** | **Level 5** | **Level 6** |
|  |  | **ICT-CGP-3021-1.1** | **ICT-CGP-4021-1.1** | **ICT-CGP-5021-1.1** |  |
|  |  | Conduct stock-take of the organisation’s data assets | Assess the value data assets to achieve organisational and business goals | Evaluate the net worth of the organisation’s data to achieve organisational and business goals |  |
| **Knowledge** |  |  | * Types of data taxonomies * Data valuation methodologies * Types of transactions related to data assets * Personal Data Protection Act (PDPA) * Intellectual Property (IP) rights associated with data assets | * Data value drivers and its importance in determining the value of the data * Characteristics of data and categorisation of data * Types of and methods to generate use cases for the organisation’s data assets * Motivations for data monetisation * Organisation’s stakeholders in its value chain or ecosystem * Principles of and approaches to data valuation * Factors determining the final value of the data assets | * Factors to consider in data valuation * Trust principles to forming a trusted data sharing partnership * Legal and regulatory obligations in data monetisation * Potential risks associated with data monetisation * Types of and methods to conduct due diligence checks on data service providers |  |
| **Abilities** |  |  | * Identify data assets within the organisation * Determine what constitutes the organisation’s data asset * Define the organisation’s data taxonomy to categorise the data * Record the taxonomy of organisation’s data assets | * Map out the stakeholders in the organisation’s value chain or ecosytstem * Identify potential use cases for orgnanisation’s data assets based on value chain mapping * Determine the valuation approaches for the organisation’s data assets * Derive the value of the organisation’s data assets * Assess the potential for data valuation * Determine the right sharing channels and protocols | * Determine if data can be monetised by assessing its purpose, potential benefits and risks * Comply with legal and regulatory considerations during the data valuation processes * Check that parties involved in data sharing have data management, data protection and data use standards * Conduct due diligence checks on data service providers * Ensure that each partner in the data partnership is identifiable and its representatives duly authorised by the organisation |  |
| **Range of Application** | For Data Protection-related programmes, please refer “Guide to Develop Training Courses for Data Protection Officer (DPO)”, Personal Data Protection Commission (PDPC), <http://www.pdpc.gov.sg/dp-competency> [March 2020] | | | | | |