<table>
<thead>
<tr>
<th>TSC Category</th>
<th>Business Management</th>
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<tbody>
<tr>
<td>TSC</td>
<td>Data and Statistical Analytics</td>
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<tr>
<td>TSC Description</td>
<td>Analyse and interpret data sets to uncover trends or patterns in order to locate and define new business and/or services improvement opportunities by identifying relevant statistical tools</td>
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<table>
<thead>
<tr>
<th>TSC Proficiency Description</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
<th>Level 5</th>
<th>Level 6</th>
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<tbody>
<tr>
<td></td>
<td>EVS-LDR-3002-1.1</td>
<td>EVS-LDR-4002-1.1</td>
<td>EVS-LDR-5002-1.1</td>
<td>EVS-LDR-6002-1.1</td>
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<td></td>
<td>Apply the application of data analytics across the organisation</td>
<td>Facilitate the application of data analytics to address existing gaps and identify emerging trends</td>
<td>Devise the next generation of data science with the use of big data analytics</td>
<td>Transform the organisation through the use of big data analytics to drive solutions and create business opportunities</td>
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**Knowledge**

- Types of relevant statistical analysis software
- Characteristics of data
- Types of data management cycle
- Types of data production applications
- Data mining techniques
- Data warehousing
- Best practices in big data analytics and pitfalls

**Abilities**

- Analyse data sets using basic statistical techniques to identify trends and patterns
- Generate report on trends to aid management decision making
- Generate report on risks to aid management decision making
- Collaborate with stakeholders to identify more specific data for further analysis
- Design data infographics for presentation

- Review and/or interpret data sets uncover trends or risks
- Develop new methods to conduct analysis of large complex data sets specific to each issue
- Facilitate the discussion on areas for application of big data analytics to examine trends or risks
- Assess and evaluate analytical performance in addressing business objectives
- Use of relevant statistical analysis software to generate data for analysis
- Evaluate and assess the strengths and weaknesses of various big data modelling techniques
- Identify and implement data analytics solution
- Use relevant software to improve backward-looking and forward-looking analysis

- Relevance of big data analytics in creating business outcomes
- Knowledge of how big data analytics transforms business decision making
- Knowledge of how big data analytics works in tandem with other forms of business analytics solutions

- Build a culture of the usage of big data science as a tool for more business opportunities
- Help the organisation and stakeholders on the importance of big data analytics to discover solutions that could lead to profitability
- Determine the type of analytical software required for data analysis
- Determine the use of big data analytics with other forms of business analytics to improve services and create business opportunities

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