


## 7.2.4 Emerging job roles dashboards

# Facility Management Data Analyst

 Estimated Time Horizon: Short-term

## Trends Impacting This Role

Technology trends such as Data Analytics & AI, Digital Twin, Robots & Automation, Remote Monitoring and 5G, IoT & Smart Buildings.

## Other Considerations

Companies keen on leveraging FM related data i.e. Building Management Systems etc. to enhance FM systems and processes, can take advantage of this specialised job role.

## Responsibilities of the Role

The Facility Management Data Analyst is responsible for developing and maintaining databases related to facilities management, life cycle costing and maintenance. The job holder will engage with teams to identify and resolve inefficiencies within the company, and report on the analyses made with the data collected.

## Job Tasks

- ▶ Develop data collection models and databases for data collection and analysis that bolsters planning, maintenance and optimisation initiatives which aim to enhance efficiency of FM assets
- ▶ Use statistical techniques to collect, filter and clean FM-related data i.e., Building Management Systems, for complex analysis
- ▶ Present data using data visualisation techniques to communicate with stakeholders on priorities for key FM business decisions and outcomes
- ▶ Deliver high-quality, action-oriented FM-related recommendations and insights based on descriptive, prescriptive and predictive analysis

## Technical Skills and Competencies

Analytics and Computational Modelling	Building Management System Implementation and Control	Condition-based Assets Monitoring Management	Continuous Improvement Management
Contract Administration and Management	Data Centre Facilities Management	Data Collection and Analysis	Data Mining and Modelling
Data Storytelling and Visualisation	Emerging Technology Synthesis	Engineering Drawing Interpretation and Management	Facilities Shut-down and Re-start
Green Facilities Management	Integrated Digital Delivery Application	Inventory Management	Life Cycle Costing and Analysis
Procurement Coordination and Policy Development	Programming and Coding	Project Management	Project Risk Management
Quality System Management	Robotic and Automation Technology Application	Smart Facilities Management	Stakeholder Management
Technical Inspection	Technical Writing	Technology Application	Value Engineering

## Critical Core Skills

Collaboration      Communication      Digital Fluency      Transdisciplinary Thinking

*Note: Skills highlighted are not exhaustive but have been preliminarily identified as potentially most pertinent to the job role and may be adjusted based on individual organisational strategy and needs.*

7.2.5 Reskilling roadmaps

# Facility Management Data Analyst



1	Mobility Option	Potential Transferable Skills	Additional Skills to Develop
	<p>Technical Executive</p> <p>Facilities Management</p>	<ul style="list-style-type: none"> <li>▶ Building Management System Implementation and Control</li> <li>▶ Condition-based Assets Monitoring Management</li> <li>▶ Continuous Improvement Management</li> <li>▶ Contract Administration and Management</li> <li>▶ Data Collection and Analysis</li> <li>▶ Engineering Drawing Interpretation and Management</li> <li>▶ Facilities Shut-down and Re-start</li> <li>▶ Green Facilities Management</li> <li>▶ Integrated Digital Delivery Application</li> <li>▶ Inventory Management</li> <li>▶ Life Cycle Costing and Analysis</li> <li>▶ Procurement Coordination and Policy Development</li> <li>▶ Project Management</li> <li>▶ Project Risk Management</li> <li>▶ Quality System Management</li> <li>▶ Robotic and Automation Technology Application</li> <li>▶ Smart Facilities Management</li> <li>▶ Stakeholder Management</li> <li>▶ Technical Inspection</li> <li>▶ Technical Writing</li> <li>▶ Technology Application</li> <li>▶ Value Engineering</li> </ul>	<ul style="list-style-type: none"> <li>▶ Analytics and Computational Modelling</li> <li>▶ Data Centre Facilities Management</li> <li>▶ Data Mining and Modelling</li> <li>▶ Data Storytelling and Visualisation</li> <li>▶ Emerging Technology Synthesis</li> <li>▶ Programming and Coding</li> </ul>

## 7.2.5 Reskilling roadmaps

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