

7.2.1 Job Dashboards

# Assistant Project Manager/Project Management Executive

Megatrends impacting the Job Role in Short to Medium-Term

COVID-19	Multi-Skilling	Sustainable Construction/Buildings	Value Chain Aggregation & Integration	Workforce Challenges
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Impact Assessment

M

MEDIUM

degree of change in tasks

Technology Trends impacting the Job Role in Short to Medium-Term

BIM Technology	Data Analytics & AI	Digital Twin	Remote Monitoring
VR/AR	5G, IoT & Smart Buildings	Modular Construction	

Today

This job role is responsible for performing relevant research, data collection and coordination to support the Project Manager and Senior Project Manager in the planning and execution of projects. Job holders understand the basics of the overall project life cycle and can perform the assigned tasks in an efficient and timely manner.

In the Future

This job role may leverage technology in automating related tasks such as data collection and document collation. Job holders may need an **understanding and familiarity in technology application to apply towards enhancing efficiency of project-related coordination** across various disciplines and project teams, and may see **growing emphasis on ensuring project compliance to relevant regulatory and legislative prerequisites**, and ensuring projects follow environmental sustainability and green building standards and guidelines.

Job Tasks Today	Impact at Task-level / Future view of Job Tasks		Time Horizon
Support project planning	M	<ul style="list-style-type: none"><li>Collation of project planning and execution documents can be automated by digital tools (e.g., RPA). Job holders may also require <b>an understanding of smart contracting technology</b> (e.g., Blockchain) and <b>preparation of documents on alternative contracting platforms</b>.</li><li>Job holders may also <b>leverage digital tools</b> (e.g., Data Analytics &amp; AI) to <b>perform compliance checks</b> of project planning and execution documents against regulatory and legislative requirements, and may <b>need to be aware of evolving trends and regulations to achieve this</b> (e.g., sustainability).</li></ul>	Medium-term
	M	<ul style="list-style-type: none"><li>Job holders may be expected to <b>leverage digital communication tools</b> (e.g., BIM Technology, Digital Twin) to <b>enhance efficiency of coordination</b> across various disciplines and project team.</li></ul>	Short-term
Perform coordination for project progress and completion	M	<ul style="list-style-type: none"><li>The use of digital tools (e.g., Data Analytics &amp; AI, RPA) can be leveraged to <b>collect data for project progress reporting and benchmarking, and collation of variation order requests</b>.</li><li>Job holders will continue to work closely with various disciplines and project teams and be responsible for close and effective coordination to meet the project timeline and budget.</li></ul>	Short-term
	M	<ul style="list-style-type: none"><li>Given the evolving nature of work towards hybrid arrangement, job holders may need an <b>understanding in operationalising site meetings with various stakeholders using remote technology</b> (e.g., Remote Monitoring, VR/AR).</li></ul>	Short-term

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The following TSCs/CCSs have been identified as in-demand/emerging for the job role going forward:

In-demand Technical Skills and Competencies		
Building Information Modelling Application	Construction Technology	Critical Thinking
Data Collection and Analysis	Integrated Digital Delivery Application	Project Risk Management
Regulatory Submission and Clearance	Stakeholder Management	Technology Application
Emerging Technical Skills and Competencies		
Environmental Sustainability Management		
Emerging Critical Core Skills		
Digital Fluency	Transdisciplinary Thinking	