# Associate Data Centre Operations Engineer/ Data Centre Operations Engineer

**MEDIUM**
**M**

**IN 3-5 YEARS**
Job holders will leverage AI in data centre performance optimisation and incidents resolution, and need to be well-versed in vendor/client management to ensure that data centre operations meet business needs.

**KEY TRENDS**

AI & Analytics

Cloud Computing

## FUTURE TASK-LEVEL VIEW

- As many organizations tap on data centres owned by cloud service providers, job holders will have to be familiar with and factor in various client needs in the technical feasibility and design of data centres

- AI will support job holders in data centre performance optimisation by automating workload distribution across servers, identifying defects in equipment and improving energy consumption efficiency

- AI will support job holders in incident prevention by automating data screening, detecting malware, monitoring server performance, network congestion as well as disk utilisation to detect and predict data outrages

## SKILLS ANALYSIS

### CURRENT SKILLS GAP

- Business Continuity
- Cyber and Data Breach Incident Management
- Data Centre Facilities Management

### ADDITIONAL FUTURE SKILLS

- Artificial Intelligence Application
- Cloud Computing
- Vendor Management

Click here to find out more on the programmes and support available to close skills gaps and gain future skills