

Information Analyst Certification

Why the certification is relevant

The complexity and volumes of information about customers, suppliers, and operations is growing exponentially. Independent of the organisation's size, the need for information modelling has become one of the most vital things in business and IT development on today's global markets. The Information Analyst Program has been structured to build on the existing capabilities of the practitioner and to infuse a new way of thinking, working and modelling to practitioners. This is done through theory and practice classroom training including hands-on information modelling skills building. This embeds disciplines that relate to information system and data modelling techniques.

Focus of the Information Analyst

The Information Analyst Certification ensures that each student gets the required theory and practice around information system and data modelling techniques. This includes the following:

- Information system modelling (application components, modules, features, functions, tasks, service, etc.)
- Information data modelling (data components, objects, entities, tables, services, flows, rules, compliance, etc.)

The Information Analyst Program can be integrated into any relevant organisation. It does so by adding the following theory, practice and modelling capabilities.

Theories Practitioners will learn

- Identify application and data requirements
- Business and IT design
- Configure applications and data
- Develop application and data standards
- Ensure information integration

What Practitioners will work with in Practice

- Work with IT owners and executives
- Define application and data standardisation
- Design system measurements and reports
- Ensure information compliance
- Set up information measures and monitoring
- Benchmark information maturity

Modelling capabilities Practitioners will gain

- Application and Data Requirements
- Application Roles
- Application and Data Rules
- Application and Data Compliance
- Application and Data Services

Enterprise Standards used

OMG (software standards):

- UML - Unified Modelling Language
- BPMN - Business Process Modelling Notations
- DMN - Decision Modelling Notations

LEADIng Practice (Enterprise Standards):

- Emerging & Disruptive Information Trends & Forces
- Information Ontology
- Information Taxonomy
- Information Classification & Categorisation
- Information Artefacts
- Information Modelling Notations (IMN)
- Information Lifecycle
- Information Meta Model

Open Group Business Architecture

IEEE Information Engineering Standards

ITIL 3 (IT delivery concept)

COBIT (Governance)