

# Digital Transformation - Guiding the Big Data to Strengthen the Decision-Making

## Description

This training “Data-Driven Digital Transformation - Turning Disruptions into Opportunity by Strengthening the Decision Making” aims at helping attendees (CxOs, strategists, business analysts, data analysts, product managers and architects) understand foundations of the Digital Business Models, their connections with the Enterprise Architectures and Value Propositions in order to efficiently integrate “digital value creation and value delivery” from strategies to the implementation of appropriate products and services.

Attendees will learn in this course how to adapt strategies to digital disruptions, assess impacts on the Value Chain, Framing and Channeling the Big Data to strengthen the Decision Making to create differentiating products and services (value propositions) and adjust such value propositions to digital consumer decision journey.

## Audience

CxO, Business Strategists, Enterprise Architects, Business Architects, System Architects, Business Analysts, System Analysts

## Outline

### Introduction

- Digital Disruption, Disruptive Technologies, Digital Maturity and Digital Transformation,
- How to turn digital disruptions into business opportunities ?

- Transforming the business culture enabled by technology,
- Types of Business Models of the Digital Age,
- Essential elements of Digital Business Models : Motivation Model, Strategy Map, Value Chain and Value Propositions for Digital Transformation
- How to ensure Data Readiness in the digital age,
- Core elements of the Operating Models for building Digital Capabilities: The Business Architecture Guild and the Open Group's Business and Enterprise Architectures

### **Digital Business Models to coordinate Operating Elements**

- Capturing Changes : Competitor Propositions, Digital Techno Disruption, Competitive Pressures, Changing Customer Behaviors,
- Sources of Change and Assessment of Impacts (Influencers, Assessments, SWOT analysis, Potential Impacts) using the Digital Business Models,
- Deciding on Desired Results : Business vision, goals and objectives,
- Deciding on Means on the basis of Impacts on the Value Chain: Missions, strategies, tactics, business policies and rules
- How can strategies coordinate customer facing / value added capabilities in order to adapt value propositions ?
- Leveraging the power of your data,
- Data Strategy for Digital Transformation,
- Aligning Data with Business Objectives : From the Vision and Mission Statement to Roadmaps
- Data Quality and Data Architecture Principles,
- Case Study : Define Digital Strategies based on impacts upon the Activities of the Value Chain

### **Building the Capability Map, Data Flows and Value Propositions on the basis of Digital Business Model Decisions**

- How to ensure coherence between perspectives of the Digital Strategy Map ?
- Impacts on the Capability Map and other elements of the Business Architecture Model,
- Building Capabilities using the TOGAF®'s Architecture Development Method (ADM) Cycles,
- Traceability until operational business elements (processes, organisation units, liabilities and assets),
- Using Value Added / Customer Facing Capabilities to provide stakeholders with the right and timely data for making decisions,
- Strategic and tactical contract writing to "channel and guide" the big data including

their updates in both directions,

- Guiding and governing Big Data Management tools data flows (example using Informatica's Power Center Big Data Management Edition)
- Describing Value Propositions, Customer / Partner Relationships and Delivery Channels of the Business Model Canvas (BMC) based on Services exposed by Value Added Functions,
- Case Study : Adjust Digital Strategies based on "Data Flows" between business functions of the Capability Map and define elements of the BMC based on exposed services
- Fine tuning Value Propositions, Delivery Channels, Client / Partner Relationships and Capabilities using feedbacks provided by digital consumers
- Elements of the Business and Value Model Canvas to adjust Value Propositions,
- Positioning Elements of the Business Model Canvas using a "Value Driven" Strategy Map : best practices,
- Using the Business Model & Value Proposition Canvases to develop and maintain differentiating 'Products & Services' on the basis of Market Forces, Strategies & Partnerships,
- Improving Consumer Experiences by building a multitude of touch points to interact with them,
- Defining Value Streams and their stages to capture feedbacks from digital consumers,
- Manage feedbacks provided by the Value Streams to adjust elements of the Model Canvas,,
- Case Study : Adapt the Business Model Canvas and Capabilities for strategy revisions using feedbacks from digital consumers

## **Conclusion**

- Recap on the steps of Digital Transformation
- Tool support

## **Prerequisites**

There are no prerequisites for this course.