# BUSINESS PROCESS MANAGEMENT

The discipline that uses various methods to discover, model, analyze, measure, improve and optimize business processes.

## PROCESS MINING

**Process mining is a technique designed to discover, monitor and improve real processes (i.e., not assumed processes) by extracting readily available knowledge from the event logs of information systems. Log processing tools are possible, they are called Process mining tool.**

## BUSINESS PROCESS AUTOMATION

**Automate complex business processes and functions beyond conventional data manipulation and record-keeping activities, typically using advanced technologies. It focuses on "run the business" as opposed to "count the business" types of automation efforts and often deals with event-driven, mission-critical, core processes. In other words, automation of processes where it makes sense to automate them.**

### SELECTION PROCESS FOR AUTOMATION

Selection of processes (or part of them) for automation. Appropriate business processes are those that can be algorithmized, often repeat, and require high precision.

### DATA STRATEGY

A data strategy is a highly dynamic process employed to support the acquisition, organization, analysis, and delivery of data in support of business objectives.

### ALGORITHMIC BUSINESS

Algorithmic business is the industrialized use of complex mathematical algorithms pivotal to driving improved business decisions or process automation.

### BUSINESS PROCESS RE-ENGINEERING

Process re-engineering integrated set of management policies, project management procedures, and modelling, analysis, design and testing techniques for analyzing existing business processes and systems.

## BUSINESS PROCESS

**A business process is an event-driven, end-to-end processing path that starts with a customer request and ends with a result for the customer.**

### API INTEGRATIONS

#### APPLICATION INTEGRATION

Application integration is the process of enabling independently designed applications to work together.

#### SYSTEM INTEGRATION

The process of creating a complex information system that may include designing or building a customized architecture or application, packaged and custom software, and communications.

### AUTOMATION TOOLS

#### WORKFLOW AUTOMATION

It automates the flow of tasks, documents, and information across work activities by defined business rules.

#### ROBOTIC PROCESS AUTOMATION

RPA is automating individual work activities. Work activities that are highly based on rules/procedures are excellent candidates for RPA.

HUMAN

INTELLIGENT MACHINERY

### DATA MINING

Data mining is the process of discovering meaningful correlations, patterns and trends by sifting through large amounts of data stored in repositories. Data mining employs pattern recognition technologies, as well as statistical and mathematical techniques.

### SELF-LEARNING

Using historical (when available) and current data, these tools can monitor hours of process activity to understand the tasks completed and to start completing them after they have reached enough confidence to complete the process. Machine learning and Artificial Intelligence techniques are used.

### STATISTICAL PROCESS CONTROL

It is maintaining or improving process capability by employing statistical techniques to analyze process outputs and provide feedback for process control loops.

## BUSINESS PROCESS ANALYTICS TOOL

Business process analysis tools are primarily intended for use by business end-users looking to document, analyze and streamline complex processes, thereby improving productivity, increasing quality, and becoming more agile and effective.

### OPERATIONAL MONITORING

Collects key process performance metrics and issues real-time alerts when reaching pre-defined critical values or errors. Operational monitoring of automated business processes enables you to address and solve problems that might appear on their own or following software upgrades, increases in data volumes, or new application deployments or changes.

### BUSINESS IMPACT ANALYSIS

The process of determining the criticality of business activities and associated resource requirements to ensure operational resilience and continuity of operations during and after a business disruption. The BIA quantifies the impacts of disturbances on service delivery and risks to service delivery. These recovery requirements are then used to develop strategies, solutions and plans.

### ALL-IN-ONE ANALYTICS TOOL

RobolytiX
The Robot Analytics

Robolytix is an online analytic and monitoring tool for automated business processes operating in any application, platform or custom solution. It provides real-time business and operational data for process evaluation, monitoring and analytics.

- Operational and business KPIs
- Simple integration to any application
- Real-time dashboards and reports
- Free version up to 25 processes



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