

# BIG DATA

ARTIFICIAL INTELLIGENCE  
CENTER INDONESIA

## Big Data Basics

- a. What Is Big Data?
- b. Why Big Data Analytics – Extending Advanced Analytics Capabilities
- c. Big Data Use Cases
- d. Why Big Data Now? – The Driving Forces
- e. Kinds of Big Data – Data Variety
- f. Sources of Big Data
- g. Working with Big Data – The Big Picture

## Big Data Processes

- a. Business Case
- b. Technical Case – Big Data Rationale
- c. Data Sourcing – Getting Big Data
- d. Data Preparation and Storage
- e. Big Data Analytics

## Big Data Architecture

- a. The Role of Architecture
- b. Data Architecture
- c. Process Architecture
- d. Analytics Architecture
- e. Technology Architecture
- f. Big Data and Architecture – Summary



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## Big Data Technology

- a. The Technology Landscape – Overview
- b. Infrastructure
- c. Analytics – Data Analysis
- d. Data Sources – Big Data Providers
- e. The Core Technologies

## Getting Started with Big Data

- a. Readiness Assessment – Check Your Position
- b. Planning and Preparation – Charting the Course
- c. Execution – Navigating the Course
- d. Post-Project Activities – At the Destination
- e. Best Practices – Lessons Learned
- f. Mistakes to Avoid – More Lessons Learned



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