

## Learning Objectives

In this chapter you will learn about the following:

- A brief history of database industry, Enterprise Data Warehousing (EDW) and the rise of big data challenge
- The 3 Vs of big data challenge and the introduction of big data platforms in the enterprise IT
- Key drivers for building enterprise big data management platforms on Hadoop and its ecosystem projects
- A typical customer journey with the Hadoop adoption
- Key Hadoop concepts:
  - Hadoop = HDFS + YARN
  - Schema-on-read
  - Enterprise "data lake"
- The origins of Apache Hadoop and its ecosystem
- The development and governance of Hadoop and its ecosystem, as seen by:
  - The Apache Software Foundation
  - ODPI.



