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**Information technology — Cloud
computing and distributed platforms
— Data sharing agreement (DSA)
framework**

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Foreword

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Introduction

For decades, organizations regarded data and its processing as an expense, necessary to business operations but not an opportunity. What has changed recently is the realization of the value of data and the added value that can potentially be generated by combining datasets. Artificial Intelligence (AI), Big Data, analytics, and cloud computing are making this value proposition much more obvious and the emergence of Internet of Things (IoT) is further driving the economic opportunities around data. Data is the raw material for AI, a key component of the fourth industrial revolution.

Sharing datasets to create combined datasets can have several technical, business, and regulatory challenges. One challenge is the lack of a common language to describe data sharing concepts across the entire data lifecycle and the lack of guidance for developing data sharing agreements (DSAs). This document offers standardized terminology for data sharing along with common building blocks that can be used in the development of DSAs. The aim of the project is to reduce the time and cost required to initiate data sharing projects.

Figure 1 illustrates the structure of this document, representing the Data Sharing Framework as defining both Data Qualitative Objectives (DQOs) and Data Level Objectives (DLOs) over six distinct aspects of data sharing. Each aspect is described in a separate section.

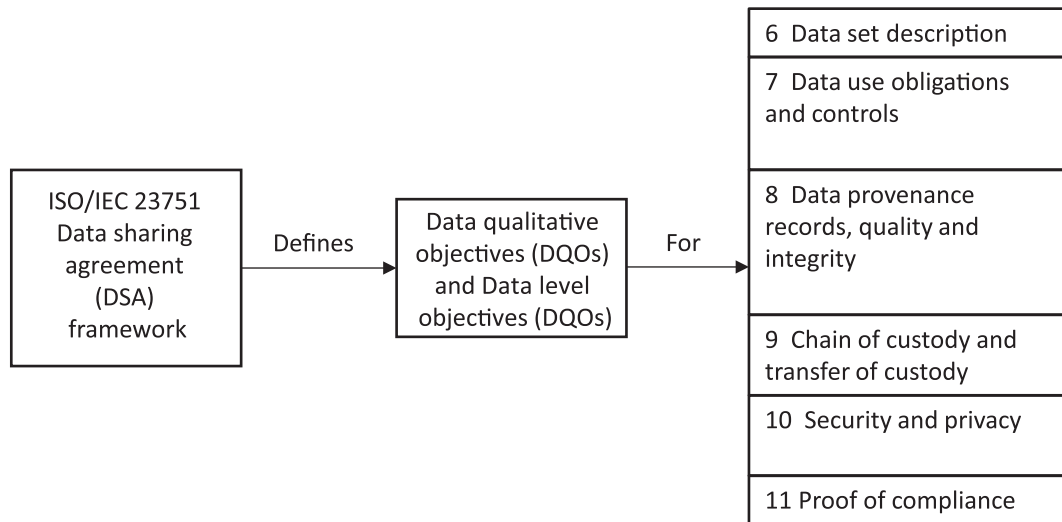


Figure 1 — Structure of this document