

Data Observability: a general, flexible and scalable framework for data quality

Oscar Quintana, Marcos Reiman, Francisca Romo, and Andrea Garcia (Bci Bank, Chile)

oscar.quintana@bci.cl, marcos.reiman@bci.cl, francisca.romo@bci.cl, andrea.garcias@bci.cl

Abstract

The increasing number of data sources available for statistical and analytical purposes makes it increasingly hard to monitor data quality, partly due to the complexity of adding, maintaining, and resolving quality rules. Data Observability is a framework that enables external observation of data status at scale, providing context and information that aids data discovery, data quality monitoring, and root cause analysis. In this document we describe this framework and share our experience implementing it at Bci Bank.