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   Sommario/riassunto   IoT applications perceive and interact with the environment via smart
                    devices and cloud services. When operating such applications one is
                    faced with the challenge of configuring the smart devices and the cloud
                    services in a manner, which achieves a high data quality at low
                    operational costs. This work supports IoT operators with IoT collection
                    strategies and cost optimization functions for data qualities, which are
                    influenced by the interplay of smart device and cloud service
                    configurations.