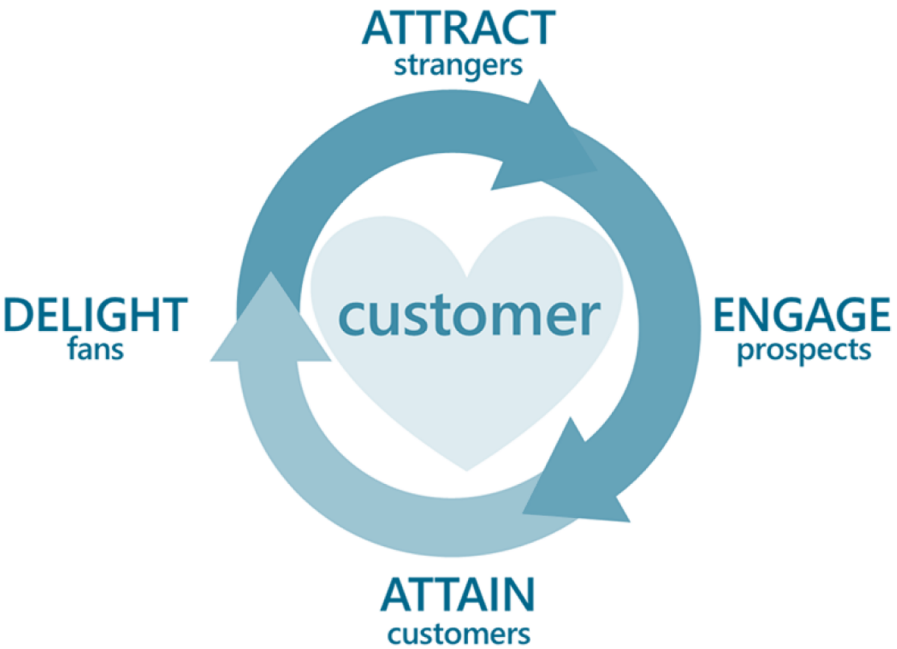
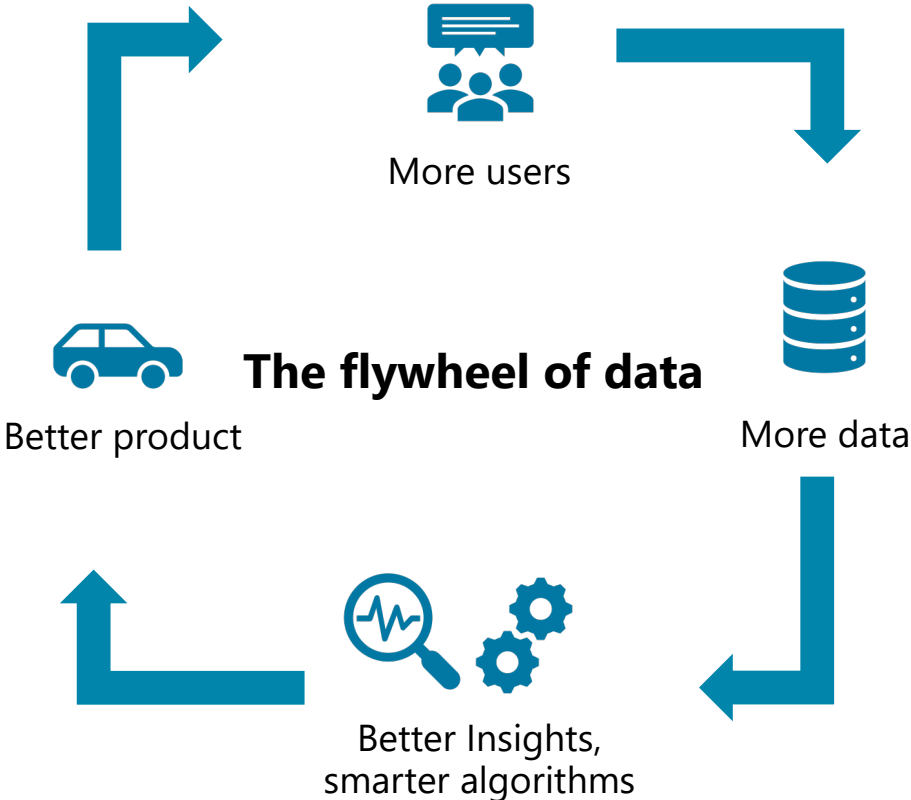


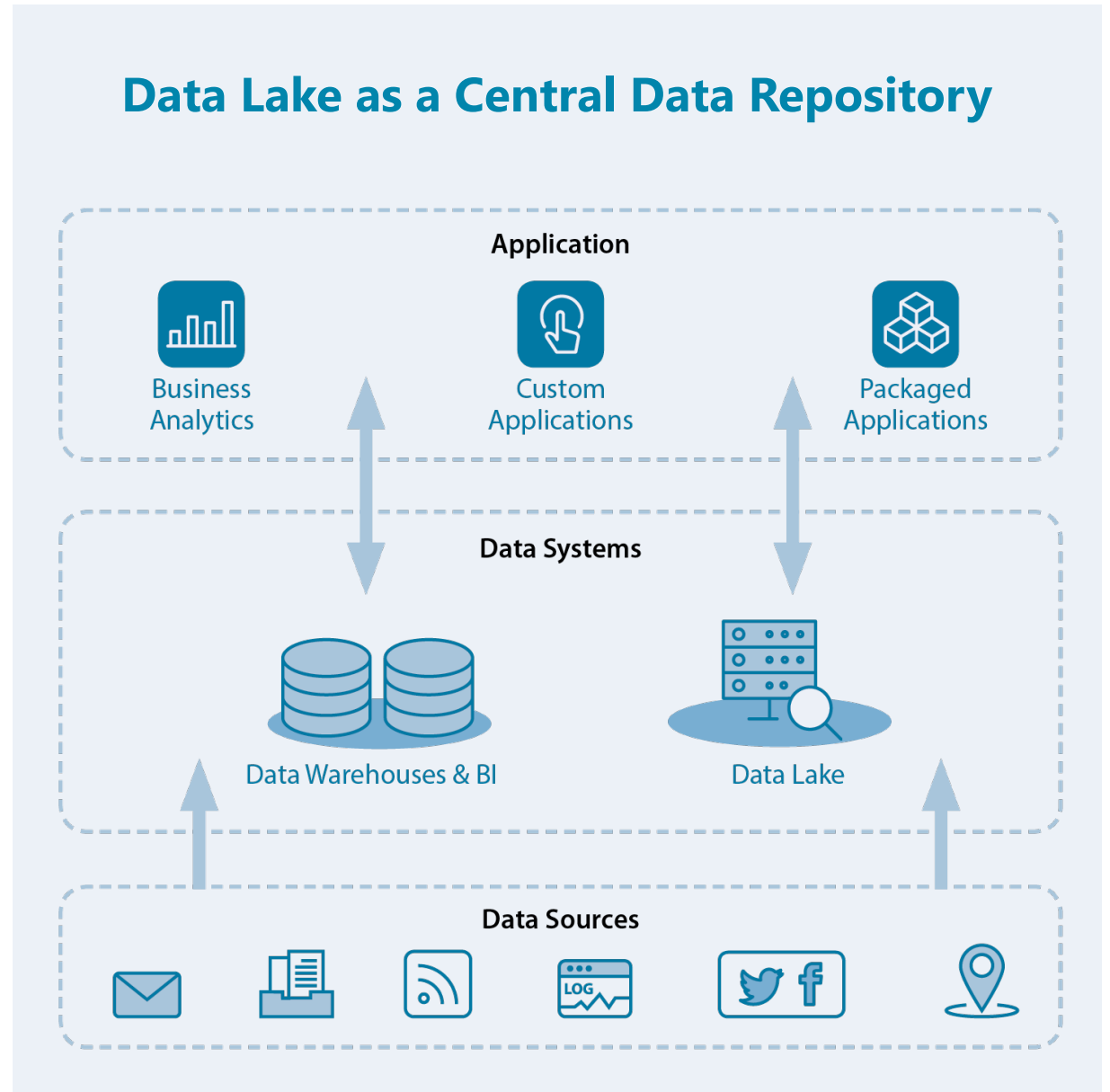
FINDING VALUE IN DATA IS AN EXCITING JOURNEY



Data Engineering

Architecture, Development and Consulting for Big Data ecosystems

- Architecture, implementation and operation of data lakes to store, process and roll out data
- Creating software solutions in close cooperation with our Data Science teams, setting up data infrastructures
- Working with traditional or agile software development methods, quality assurance, security concepts, testing and implementation



Phase-wise agile procedure – 4 STEP APPROACH



FOUNDATION



In this phase, the "stable foundation" for the future platform is laid - in its functional and non-functional requirements, in vision, goal setting and performance measurement, in the form of concrete potentials ("use cases"), which are inherent in the diverse and intelligent analysis and use of data.

SCENARIO DEVELOPMENT



Based on the requirements and objectives, 2-3 potential scenarios of a big data platform are developed and compared: System & application architecture, tool selection, options and recommendations, development perspectives & dimensions along essential key requirements (e. g. scalability), integration/interfacing with inventory systems and processes as well as identification of first candidates for a gradual migration, migration planning, evaluation/recommendation of cloud vs. hybrid vs. dedicated systems

IDENTIFICATION & DETAILING MVP



On the basis of phase 1 and 2, a first version of the Big Data Platform (MVP) will be elaborated and described in a compact form (e. g. in the form of stories for an MVP backlog)

DEVELOPMENT OF MVP



Agile implementation of the first version of the Big Data platform, visibility and measurability of first relevant added value (e. g. elimination of 1-2 significant pain points plus realization of a first new use case as a "lighthouse" application to make new potentials in the area of data & artificial intelligence visible)