Simpler HANA deployment and faster HANA development – even in the most challenging environments.

# SAP HANA Data Warehousing Foundation – simpler HANA deployment and faster HANA development – even in the most challenging environments.

SAP HANA Data Warehousing Foundation is a series of packaged tools for large-scale SAP HANA installations which support data management and distribution within a SAP HANA landscape.

Developed to reduce TCO and support HANA administrators and data warehouse designers:

- Achieve smart data distribution across complex landscapes
- Optimize the memory footprint of data in SAP HANA
- Streamline administration and development

SAP HANA Data Warehousing Foundation complements all HANA data warehouse offerings, including SAP Business Warehouse  powered by SAP HANA, SAP HANA Agile Data Mart, as well as mixed HANA scenarios.
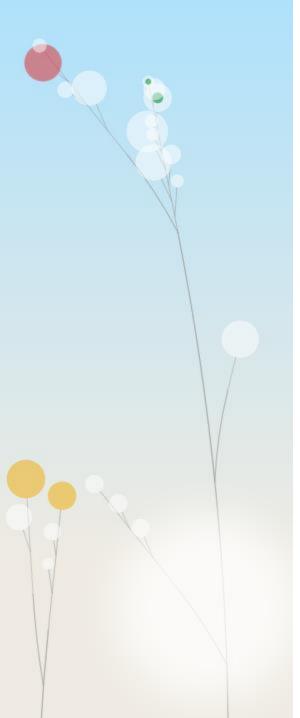
# Delivering specialized SAP HANA XS based tools to manage large-scale and custom HANA data warehouse operations

- **Data Distribution Optimizer**
plan, simulate and execution of data allocation across data tiers within distributed HANA landscape to achieve optimal price/performance balance.

- **Data Lifecycle Manager ***
triggers and schedules data movement between data tiers and Hadoop to optimize the memory footprint of data in SAP HANA.

- **Data Warehouse Monitor ***
gives you a comprehensive picture on data loads  and schedules for streamlined administration.

HANA applications to develop and administrate your big data warehousing solution in HANA

* Planned functionality

## Summary

### SAP HANA Data Warehousing Foundation
A series of packaged HANA tools that enable efficient data management and distribution for Big Data and data warehousing use cases.

The initial release will consist of:
- Data Distribution Optimizer

Additional planned releases include:
- Data Lifecycle Manager
- Data Warehouse Monitor

## Objectives

- Lower cost for development and administration of big data use cases

## Benefits

- Reduces cost and complexity
- Simplifies administration and development

## Solution

- **Data Distribution Optimizer**
  plan, simulate and execution of data allocation across data tiers within distributed HANA landscape to achieve optimal price/performance balance.

- **Data Lifecycle Manager**
  triggers and schedules data movement between data tiers and Hadoop to optimize the memory footprint of data in SAP HANA.

- **Data Warehouse Monitor**
  gives you a comprehensive picture on data loads and schedules for streamlined administration.