Data 2020: State of Big Data Study
A global study of enterprise data challenges and solutions

As data adoption grows, so does its complexity. Enterprises are challenged to make informed business decisions within a fragmented IT environment. SAP studied a wide variety of issues associated with enterprise data, illustrating a data management landscape ripe with opportunity, yet challenging to manage across roles and departments.

Data Quality & Health

A modern data environment is siloed, complex and data quality is unclear. However, enterprises are taking the necessary first steps to improve data discovery and governance.

Data Sources, Connectivity & IT Frameworks

Due to rising data complexity, businesses are not as agile and data-driven as they need to be. They increasingly value the opportunity that analytics solutions provide to integrate silos and obtain valuable insights.

Skills, Capabilities & Ownership

There is a need to address the high demand for people with data science skills. Data scientists are critical in making sure the company is successful, and there will be a shortage of people with the right skills to work with data.

Key Data Stakeholders

When implementing data management systems, the most common recommendations are:

- More oversight from IT
- More technically qualified people
- A more streamlined process for requesting and granting data permissions
- Easier to use tools

About the Study

Study conducted by Regina Corso Consulting, commissioned by SAP, August 2017. Respondents were enterprise IT decision-makers from the United States, Canada, Brazil, Germany, France, United Kingdom, Japan, China, Australia.