MBD

Máster en Big Data
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Tecnologías Business Intelligence

laSalle ENG
Universitat Ramon Llull

Self-service Data Preparation

Self-service data preparation aparece como respuesta a la creciente demanda de los usuarios de negocios de tener más control sobre la preparación y transformación de datos.

Evolución natural de la necesidad de permitir a los usuarios de negocios acceder y trabajar con datos de manera más autónoma.

Herramientas que permiten a los usuarios de negocio preparar y transformar datos de manera más fácil e intuitiva, sin depender exclusivamente de equipos de TI. Ejemplos incluyen proveedores de software como Tableau, Alteryx, Microsoft Power BI, Oracle…

Self-service Data Preparation

- Sencilla e intuitivas.

- Curvas de aprendizaje rápidas.

- Implementa soluciones de IA y Machine LeEarning.

- Capacidad de acceso múltiples fuentes de datos.

Atención, son herramientas adecuadas en entornos con gobierno del dato. No queremos crear y recrear silos de datos o compartición de datos no correctos. Son una pieza fundamental en una empresa Data Driven.

Self-service Data Preparation

Self-service data preparation:

The suitability of data integration tools to support a range of business roles (e.g., citizen integrators and business analysts) for self-service data integration. The emphasis is on empowering nontechnical staff members who use various techniques, such as low-/no-code data access, profiling, transformation, wrangling, filtration, enrichment, issue and outlier fixing, and basic modeling.

Fuente: Gartner. https://www.gartner.com/doc/reprints?id=1-2FTTBUBK&ct=231205&st=sb

Self-service Data Preparation

- **Visual Profiling and Transformations**: Visual profiling is basically the transformation of your data into figures, charts, graphics and other kinds of illustration for easier understanding of complex data sets. While transformation is the representation of data in a different way that may also be "easy to consume". You can get these two features with any decent data prep software.

- **Tagging, Annotations, and Sharing**: As you get more insight into your data set by transforming and visualizing your data using data prep software, you could also use the software to share or analyze data with other stakeholders. Some data prep software can allow you to work on the same data at the same time while in different locations through centralized sharing.

- **Self-Service Data mashups and blending**: This capability helps users to merge different types of data and draw useful insights from the resulting composite data.

- **Self-Service Data Discovery**: You can use self-service data prep packages to quickly identify patterns and trends within your data sets.

- **Interactive and intuitive User Interface**: Self-service datasets are made for laymen. So every type of guy can enjoy the features and capabilities with only a bit of training.

The purpose of data preparation is to transform data sets in a way that the information contained is best exposed to the tool. Data preparation tools and platforms enables Data discovery, exploration, analysis, conversion, cleaning, transformation, modeling, structuring, curation and cataloguing.

Fuente: https://www.predictiveanalyticstoday.com/data-preparation-tools-and-platforms/

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