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New Viscovery® SOMine® data mining suite raises the bar for Big Data preprocessing and visual model interpretation

[News — Viscovery] Vienna, Austria, 29 June 2018 — Viscovery has launched version 7.2 of its Viscovery® SOMine® visual data mining suite. The new version offers a set of features for improved performance in Big Data preprocessing, as well as for advanced annotation and interpretation of explorative models on multiple semantic levels.

Viscovery® SOMine® v7.2 comes with considerable performance improvements for preprocessing of Big Data. By using single-instance caching in data and model processing, the runtime for applying bulky definitions of nominal variables has been significantly reduced.

Annotation of the map with textual labels has been extended to allow thumbnails. For example, an associated image document, such as a photo, can be displayed at the location in the Viscovery map to which a patient has been classified. Another new feature allows users to manage labels, group them hierarchically, and hide or show these groupings. This helps users annotate and interpret the Viscovery map on different semantic levels.

The complete list of innovations is available at www.viscovery.net/data-sheets.

About Viscovery

Viscovery Software GmbH, one of the first data-mining companies in Europe, is a leading vendor of predictive analytics software. Viscovery products are used by numerous customers worldwide in the fields of finance, telecommunications, industry, life-sciences media and retail, as well as at research organizations and universities. Since 2007, Viscovery has been the data-mining specialist of the Munich-based Biomax group, which provides data analysis and knowledge management in the life sciences.

The Viscovery® SOMine Suite offers unique, patented technology for explorative analysis and predictive modeling of complex data using the combined power of self-organizing maps and multivariate statistics. The Viscovery team provides long-standing experience in diverse fields of applications, including life science analytics, Big Data exploration, finance indicator prediction, industrial process optimization and customer behavior modeling. Showcases for selected applications are available at www.viscovery.net/industries.