Datacise

MMS
The difference is in the data.™

Data has never been easier to **visualize**.

Datacise is an innovative, cloud-based technology platform, with the ability to aggregate and mine data to provide real-time insights for our Sponsors. With this secure, scalable data science platform, Datacise allows Sponsors to efficiently analyze and visualize clinical data, Real-World Data (RWD) and data from other data sources through three advanced applications: Curate, Analyze, and Explore. All applications in the Datacise suite are fully-integrated with the ability to use together or as stand-alone applications.

DataciseCURATE

Datacise CURATE is a flexible cloud application for the collection and aggregation of clinical data through a variety of data mapping or abstraction methods. This scalable platform can simplify the extract, load, transform (ETL) process and easily ingest structured and unstructured data from just about any source.

DataciseANALYZE

Datacise ANALYZE supports advanced analytical needs for RWD and other data. This includes support of machine learning (ML), natural language processing (NLP) and network graphs. Several state-of-the art data science programming languages are utilized to analyze data, including Python, R, and Julia, among others. ANALYZE is fully integrated with other Datacise applications.

DataciseEXPLORE

Datacise EXPLORE provides integrated data visualizations and dashboards to support analysis, review, and ultimately speed decision-making. Automated data refreshes may be scheduled on a regular basis, and users can select between one of the numerous standard, pre-built dashboards or custom data visualizations, depending on need.

Typical Sponsor Use Cases		
Datacise CURATE	**Datacise ANALYZE**	**Datacise EXPLORE**
• Extract and abstract structured and unstructured data via API or other methods • Build databases, including data lakes, data warehouses, and other advanced data storage structures (i.e. network graphs) • Utilize external ontologies, including WHO Drug, MedDRA, CDISC controlled terminology, and other custom dictionaries • Perform data and image processing in preparation for further analysis or anonymization	• Produce simulations and scenario planning • Perform trend identification across disparate data, including a focus on subsets (cluster analyses) • Analyze data from unstructured sources, using ML and NLP • Ability to utilize high-performance computing as necessary for analysis	• DSMB and Adjudication meetings including dashboards to augment static tables and listings • Patient profiles to aid in ongoing safety reviews and assessments • Dashboards for medical device and wearables data • In-process data reviews by clinical teams or data managers to ensure data accuracy • A tool used in the application of risk–based monitoring (RBM) strategies • Safety surveillance signal detection

We love what we do and are committed to making a difference!

The Data Science experts at MMS open new possibilities for Sponsors searching for data-driven insights for pharmaceutical, biotech, and healthcare organizations. The team employs a wealth of regulatory expertise, strong processes, and purpose-built, flexible technology to drive efficiency using real world data (RWD). Our vast experience has enabled our data scientists to champion initiatives within the industry. With a global footprint across four continents, MMS maintains a 97 percent customer satisfaction rating, and the company has been recognized recently as Most Innovative CRO.

North America - Europe - Asia - South Africa

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