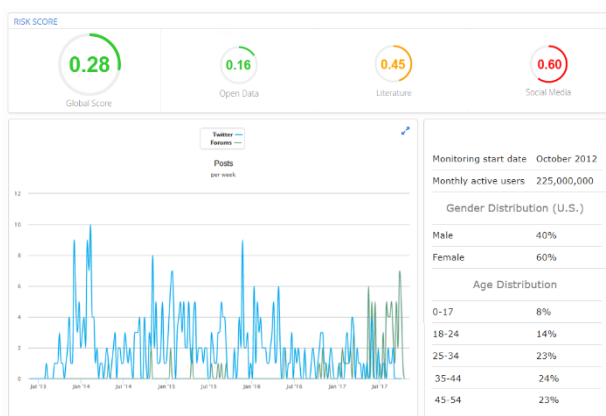


DataRiver is an innovative SME founded in 2009 as a Spin-Off of the University of Modena and Reggio Emilia. The company is certified as Contract Research Organization by AIFA, is accredited as a Research and Innovation Structure by the High Technology Network of the Emilia Romagna Region and is a member of the Regional Clust-ER Steering Committee for "Health and Wellness Industries", involving Pharmaceutical Companies, Research Institutions and Hospitals, Universities and Research Laboratories.



DataRiver provides innovative services and consultancy in the field of Clinical Data Management, Big Data Integration & Analytics, Artificial Intelligence and Machine Learning, and develops software solutions for clinical trials, rare disease and pathology registries design and management, as well as patient support programs (PSP) and solutions for doctor-patient communication, patient monitoring and empowerment.



The data collected through electronic data capture systems are processed through **Machine Learning** and **Artificial Intelligence** algorithms to perform a multidimensional monitoring of patients, to support a correct understanding of clinical manifestations and to plan personalized care pathways and prevention programs.

Thanks to the INNOLABS H2020 project, DataRiver has developed the **I-DAP Web & Mobile Platform**, an Innovative Data Platform for Medical Device safety

monitoring. In the Medical Device sector, safety data are fragmented in different databases such as hospital registries or scientific publications, and there is no integration between the sources.

I-DAP Platform, exploiting the semantic data integration, allows to collect real time information from Public Reporting Systems, Scientific Literature, Private Company Databases and Social Media, ensuring a continued surveillance of medical devices and the identification of previously unrecognized Adverse Events.

