

## Agriculture Connected: Solution Overview

Combining leading-edge technologies such as Ai, IoT, and satellite imagery, Agrilyze is an advanced cloud-hosted digital data analytics platform.

Delivering multiple sets of very specialized and local data, the platform is a powerful visualization engine that enables precision agriculture. Unlike other data delivery systems that provide a broad stroke approach to farming in general, Agrilyze targets specific domains such as berries, livestock, and greenhouses within the local Fraser Valley agriculture ecosystem, while delivering and considering key environmental factors.

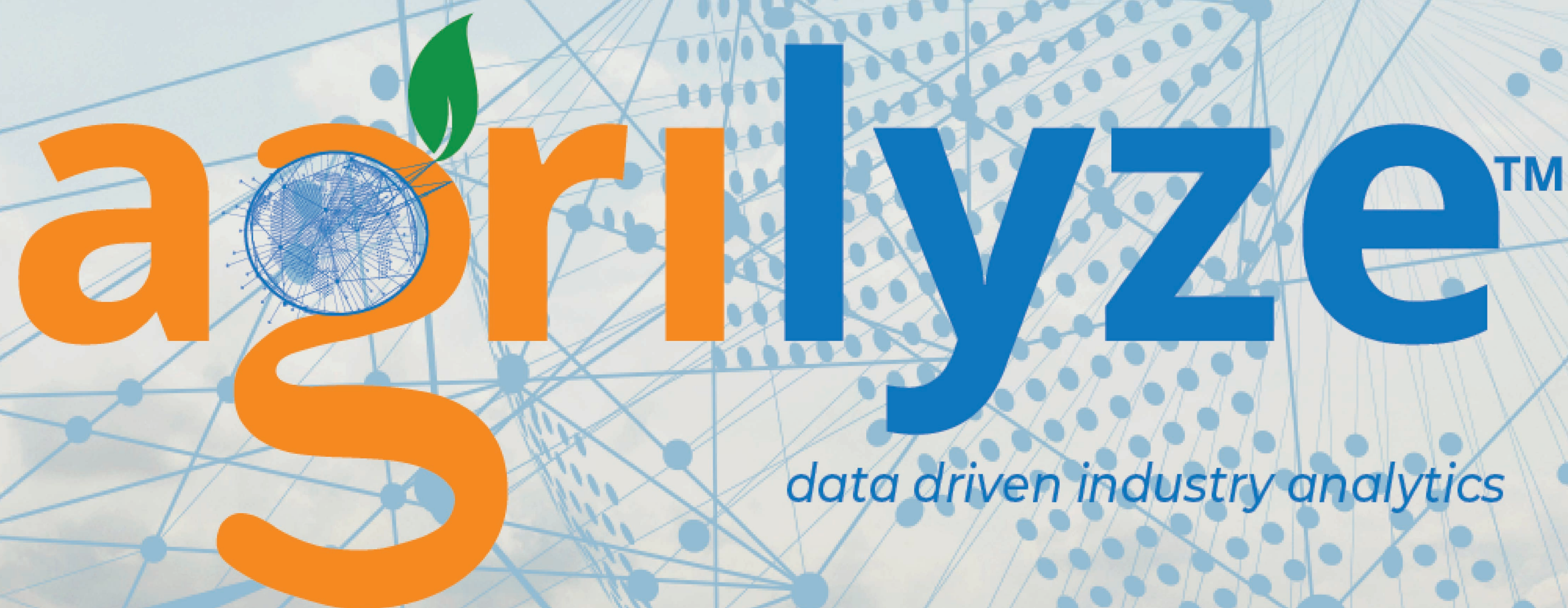
As the first of its kind platform offered in the local economy, we partner with our consumers to help them re-imagine and re-focus traditional processes. The goal is to empower people and businesses with leading-edge technology tools and the latest trends, as well as impact our global and collective responsibility to the planet.

Agrilyze is a joint partnership between



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# END TO END DATA ANALYTICS FOR PRECISION AGRICULTURE

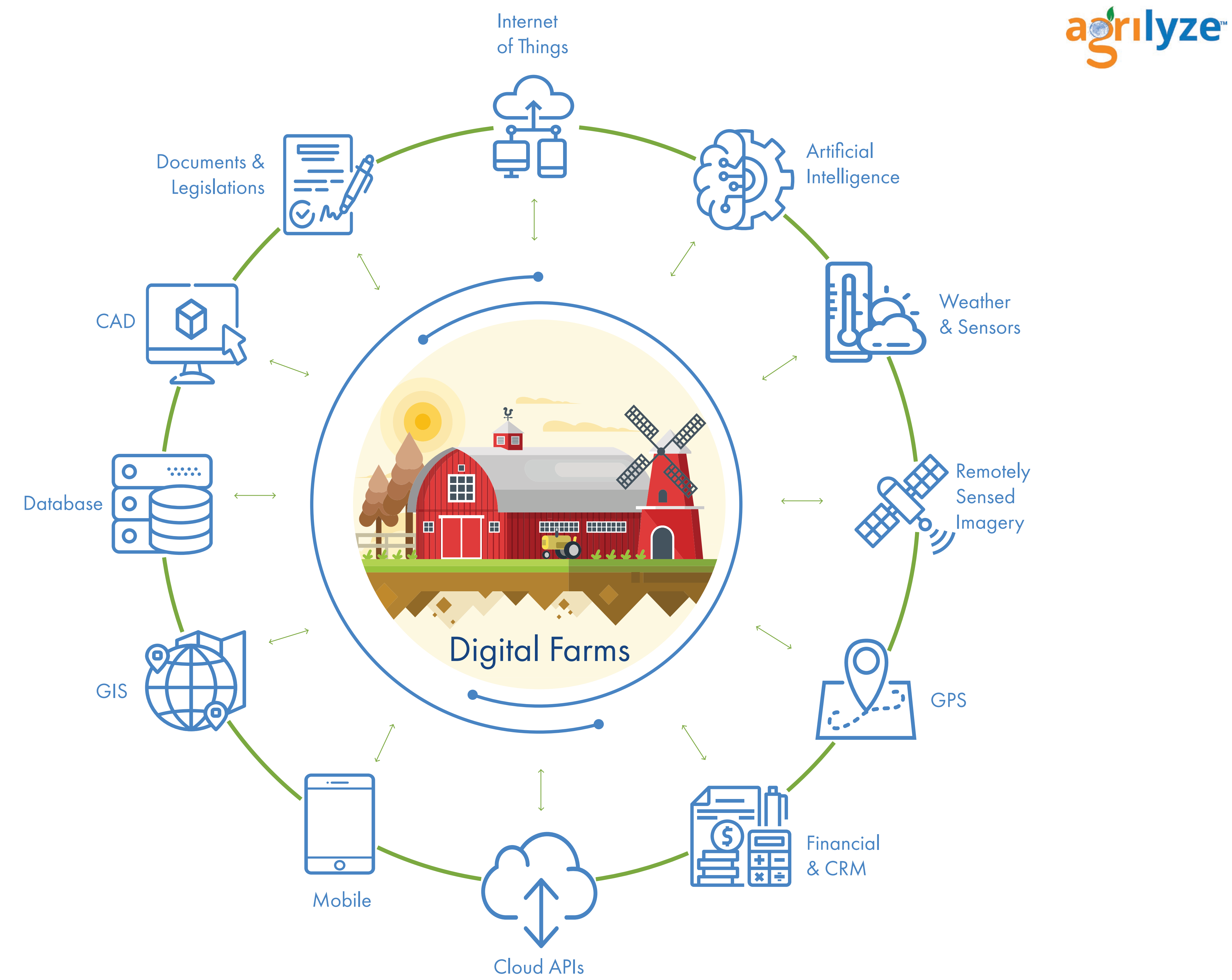


The agriculture sector in British Columbia accounts for over \$3 billion of the province's GDP with over \$1 billion coming from the Fraser Valley's crops. 1 in 5 jobs in the Fraser Valley is related to agriculture. It is evident that the industry is extremely prominent in this region, yet most, if not all, agriculture practices are extremely outdated and have yet to adopt new technologies.

The ultimate objective of Agrilyze is to make agriculture more analytical and efficient, resulting in an increase in profitability. By generating detailed insights and providing end-to-end process-driven solutions, Agrilyze jumps into action as a cloud-based platform accessible anywhere and anytime while connecting farmers to various sets of informed and real-time data to plan their operations.

Within one highly advanced and easy-to-use centralized interface, Agrilyze users can benefit from superior key features at an affordable subscription rate:

- Powerful industrial strength GIS engine capable of analyzing large volumes of spatial and non-spatial data.
- Remotely sensed data through aerial, drone, and satellite.
- Vivid high definition 3-D imagery.
- Image sensing to detect change, monitor water contamination, and land usage.
- Integration of your specific farm database.
- Financial Management and CRM capability.
- Cloud-hosted and easy accessibility.
- On-the-go mobile access.
- Weather sensors and predictability.
- Artificial Intelligence for timely problem-solving capabilities.



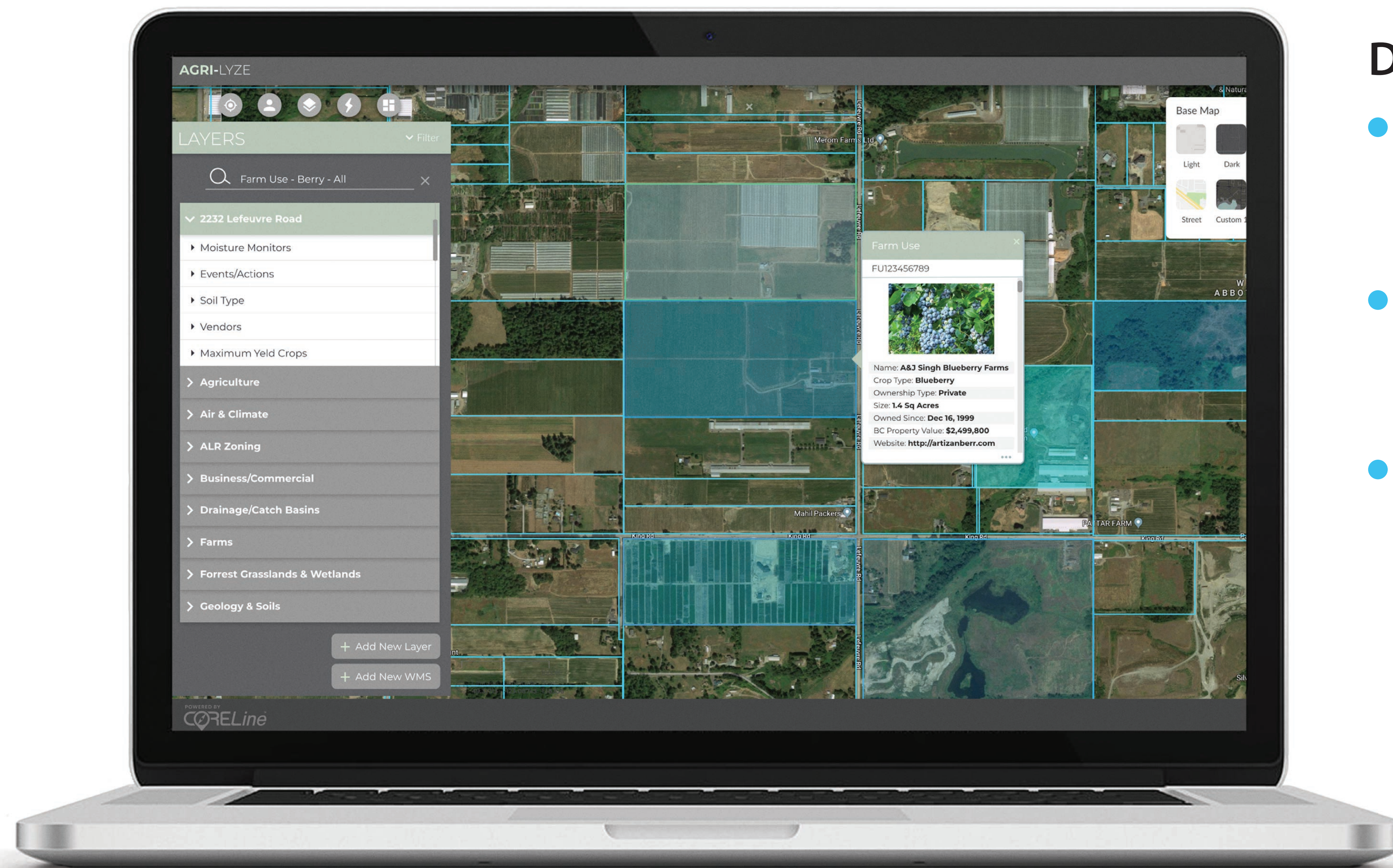
## Local Data, Local Applications

**Farmers:** Agrilyze aids to operate at high efficiency with a blend of technology and expert agricultural knowledge and experience to produce quality products at a faster rate over shorter time periods. Find out who your competitors are, contact information of vendors, and consumer buying trends all from any electronic device. Furthermore, leverage AI to identify solutions to critical problems without a hassle.

**Municipal Government:** Agrilyze, a powerful data visualization and analysis engine as a unified single source for local data, can be used for municipal planning as a geotechnical, flood management, and Municipal Infrastructure Management tool in order to address issues and potential challenges related to flood management, building stability and groundwater, as well as seismic fluctuations. Leveraging AI and change detection, Agrilyze supports and provides data that can be used for planning communities and how the agriculture industry will be affected overall.

**Educational Institutions:** The agtech industry is evolving rapidly with automation and data analytics as the primary game changers. This is highly suggestive that the next generation of agriculture workers need to be highly digitally savvy. Student exposure to Agrilyze through educational institutions aims to empower the future local workers and engage them early in their process for considering careers.



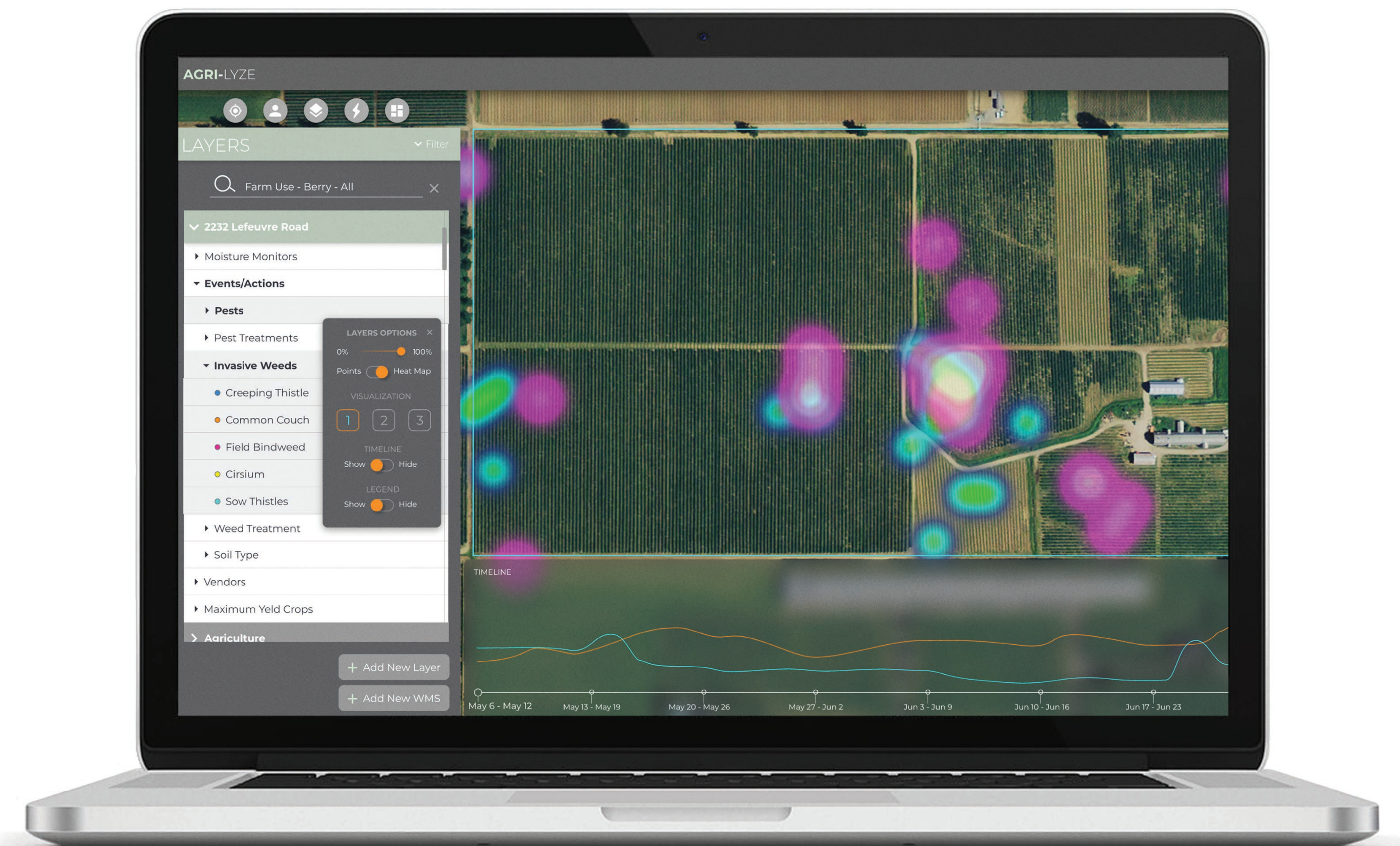


## Digital Agriculture Transformation:

- Discover the latest game-changing development techniques in agriculture. Discover how Ai is used to optimize project scheduling and reduce on-site material loss.
- Learn how to use smart devices, satellite data, sensors, and data analytics for smart industry-changing farming methods.
- Find out how, in rural areas, digital farming is revolutionizing the use of smart devices such as controlling a drone with a tablet and accessing data on a smartphone.

## Harness Innovation and Technology to Solve Universal Industry Challenges:

To be successful, an agricultural operation must grow as much as possible based on the size of the facility and prevent crop failure while minimizing the impact of unpredictable conditions. Indeed, most of the data is already available in various forms and tools. However, Agrilyze is best positioned to deliver public and private local data sources in a tailored format for each operation unique to a given facility for day-to-day work management requirements. Through a single integrated and seamless interface enabling increased operational efficiency and mitigating losses, Agrilyze provides incomparable value and advantages to all users.



### Accurate Decision Making

Agrilyze gathers and provides industry data analytics in a centralized interface. Users get easy access to premium geospatial data for accurate decision making.



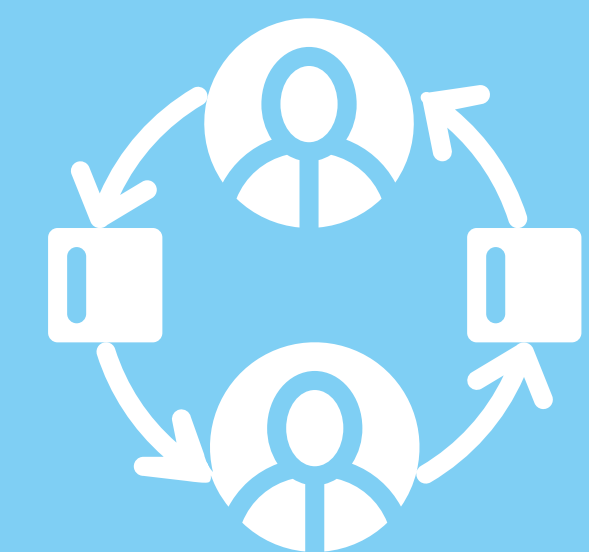
### Powered by Ai

Leverage artificial intelligence and predictive analysis for efficient farm management, quality control, and process improvement.



### Anywhere, Anytime, Any Device

Agrilyze is a cloud-hosted platform so you can access local agriculture industry data from any device in any location.



### Task Management

Increase efficiency through Agrilyze's workflow management tool. Assign tasks and monitor what is getting done through a shared interface.