Data Analytics in Agri and Food Tech

Data analysis is changing the way farmers and agricultural professionals have been making decisions. Modern technology has made it possible to collect data of soil, water, and minerals from farms, and store them in a centralized system, popularly known as the Internet of Things (IoT). Such data can be combined with data from external sources such as satellites, weather stations and even data from neighbouring farms to form a bigger volume. Data analytics can be used in the accumulated bulk to obtain information which can be used by farmers to optimize their farming. In food industries, Data science and analytics help build transparency within supply chains, so they can be more honest with their customers. Transparency also helps in solving problems and increasing efficiency in supply and logistics. Data science and analytics allows organisations to protect food health and cross-contamination.

Benefits of data analytics in food technology

World- Top 10 world best known AgriTech companies using Data Analytics

1. Mothive
Making farms visible and predictable for farmers and all actors in supply chain.
url: https://www.mothive.com/
CEO- Brendan Smith

2. CropX
An AG analytics company leading the farmers into the era of connected soil.
url: https://www.cropx.com/
CEO- Tomer Tzach

3. Arable
An an agricultural data and analytics company that offers the world's first IoT-enabled irrigation management tool, weather station, and crop monitor in one, the Arable Mark.
url: https://www. arable.com/
CEO- Jim Ethington

4. Ceres imaging
An aerial spectral imagery company that helps growers optimize their water and fertilizer application.
url: https://www.ceresimaging.net/
CEO- Ashwin Madgavkar

5. Gamaya
Early detection of disease and pests, detection and diagnostics of stress
url: http://gamaya.com/
CEO- Mathieu Hagen

6. Agridata
Digitalizes agriculture by providing farmers with the information they need to manage to their field.
url: https://www.agridatainc.com/
CEO- David Hagert

7. Agrowatcher
Uses computer vision technology to identify and detect water stress, pests, infestation, and diseases.
url: http://ww1.agrowatcher.com/
CEO- elad orbach

8 AgEagle
A drone-enabled software company that provides advance imaging analysis for precision agriculture
url: https://www.ageagle.com/
CEO- Michael Drozd

9. PrecisionHawk
Offers an end-to-end solution for aerial data gathering, processing and analysis.
url: https://www.precisionhawk.com/
CEO- James Norrod

10.Aker Technologies Inc
An agriculture data company providing crop intelligence and in-season analytics.
url: https://aker.ag/
CEO- Orlando Sae