Precision Agriculture also known as Smart Farming. Farming can be divided into two broad categories, which are ***Crop production*** and ***Livestock production***. Hence we can have precision crop production and precision livestock production. The aim of precision agriculture is to achieve maximum and optimal yield of a farm production system through the application of various **computing technologies.** Computing technologies of interest cut across the diverse fields which include: computer science, computer engineering, information systems, cyber space security and software engineering.

Some of the specific computing concepts are listed below:

(1) Data Science
(2) Machine Learning
(3) Artificial Intelligence
(4) Cloud computing and
(5) Mobile cloud computing

Others include:

(6) Robotics
(7) Mechatronics
(8) Variable rate technology
(9) Computer Networks
(10) Database management systems

Each of these will be discussed and how they relate to precision agriculture otherwise known as smart farming will be enumerated.

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