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Mosaic- Mapping

Optimization of
Agriculture
production

An aerial photograph of a vast agricultural field, likely a vineyard or orchard, showing neat rows of green plants separated by brown furrows. The perspective is from directly above, looking down at the field.

Problem Statement

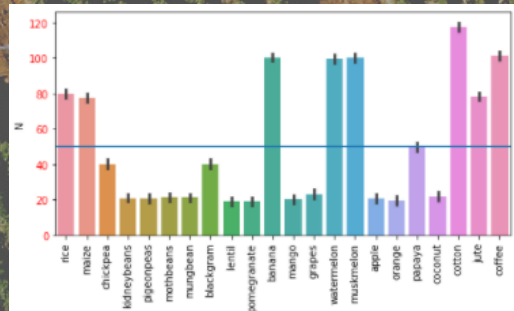
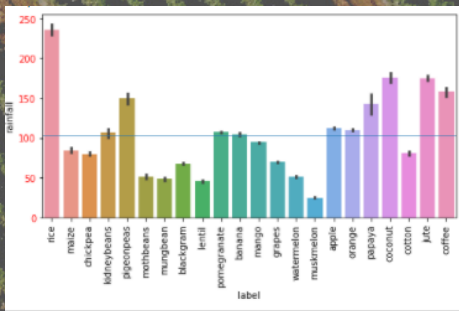
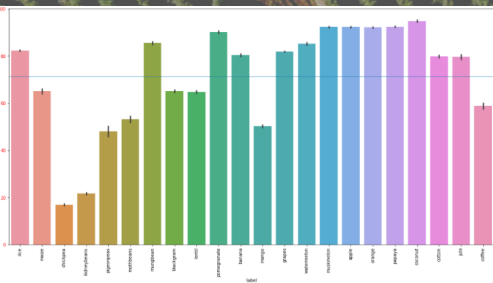
- To understand the weather condition required by different crops
- To understand soil condition required by different crops and optimize the use of fertilizer
- To maximize the output with minimum resources by growing crops together

Crops require extreme whether condition

- Rice, Papaya, Coconut and Jute

Crops require extreme Nitrogen condition

- Rice, Maize, Banana, Watermelon, Cotton, Jute and Coffee



Business insight

- Rice, Papaya, cocunut and jute can be grown together because they require extreme whether condition
- Grapes and apple can be grown together as they require high humidity and fertilizers
- Maize, watermelon muskmelon, cotton and coffee can be grown together as their humidity requirement is high and fertilizers requirement are low