EDA Report

(Crop Production Prediction)

- 1. In Farmed livestock / cultivated crops across regions, Hen eggs in shell, fresh tops the list followed by Meat of chickens, fresh or chilled. Except for Raw milk (5th position) and Maize (corn) in 10th position all those found in top 10 are meat related products.
- 2. The areas China & China mainland tops the regions with highest agriculture activity
- 3. In Area wise higher Farming / cultivation activities, we find Sugar cane topping in Brazil followed by PIG related products in China & China main towns
- 4. Evaluation yearly trend, there was a dip in area harvested between 2019 & 2020 (might be due to covid) and was increasing steep in the subsequent years.

With respect to yield there was a deep dip between 2020 & 2021 and gradually improving in the subsequent years.

Production gradually increased between 2019 to 2022 had a steep fall between 2022 & 2023.

- 5. It is apparent that change in area harvested, or yield changes the Production predicted proportionally for the inputs that is visible in predicted Production.
- 6. From the Data analysis (first time) across areas adding all crop productions, Iran tops the list with 8.77M followed closely by Mexico 8.74M
- 7. As for as Productivity across crops, we infer cabages are more productive with 21% and the top area is Albania followed by Dominican Republic.

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