

STATISTICAL DATA: YOUR SELF-LEARNING PLAN

As you are aware, AI analyses data of multiple kinds!

Let us understand this in 4 easy steps.

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- A hand is holding a Samsung Galaxy Tab tablet over a desk. The desk is covered with various papers, including a map of Australia, a bar chart, a pie chart, and a circular diagram with the number 55%. There are also several pens and a highlighter on the desk. The background is a wooden desk surface.
- We talked about Videos and Images in CV
 - Text and Speech in NLP,
 - Numbers, data like price history, share market data, weather, or migration data. These are numerical data and come under the broad category of Statistical Data.

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AI tries to find a typical pattern in the set of numbers provided as the training data. These patterns are further used to deduce trends and take decisions. Just like the real-life examples below:

- Using the flight records, migration data, news articles from across the world, BlueDot, a Canada based company, was able to predict the Covid-19 Outbreak days before WHO.
- Statistical Data is being leveraged to work out agricultural decisions, market prices, data-driven share market decisions, to name a few.

International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India, developed a sowing app which comprises of information such as:

- Sowing recommendation,
- Seed treatment,
- Optimum sowing depth,
- Preventive weed management,
- Land preparation,
- Farmyard manure application,
- Advice on harvesting,
- Shade drying of harvested pods,
- Storage, and more.



The major task that AI did, was to analyze data of sowing patterns over the years, their expected and actual yields, and other inputs.

It was later seen that if farmers followed the sowing app's predictions, the yields increased by 30%.



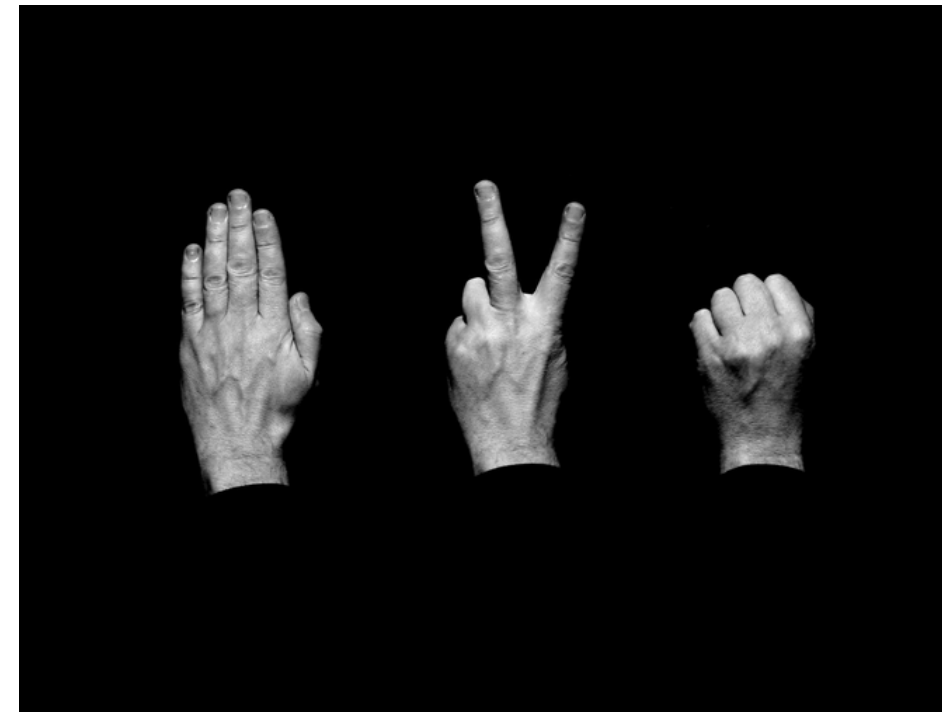
AGAIN, AI CAN CREATE WONDERS, ISN'T IT?

Want to explore more about statistical data?



Search 'Online Football Predictions'

- See how machine learning can predict football match results
- For example, Kickoff.ai



Search 'AI Rock, Paper, Scissors'

- Go ahead and play rock paper scissors online, with your AI buddy
- For example, infinity rock paper scissors