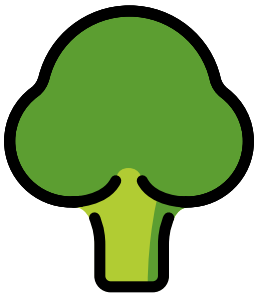
Cannlytics

Cannabis Data Science #62

April 20th, 2022



Measuring the World

Interesting data science ideas of **Douglas W. Hubbard**...

1. Everything can be measured;
2. Initial measurements provide high marginal value as they greatly reduce uncertainty.

History of Asymmetric Information

The Merchant of Rhodes
(2nd century BC)

"A famine had broken out on the island of Rhodes and several grain merchants in Alexandria set sail to deliver supplies. One of these merchants who arrives ahead of his competitors faces a choice: should he let Rhodians know that grain supplies are on the way or keep this knowledge to himself?

- The decision determines the profit margin.

Cicero believed that the merchant had a duty to disclose.

Thomas Aquinas overturned this consensus and considered price disclosure was not obligatory.

Modern Asymmetric Information

Austrian economist **Friedrich Hayek** did seminal work on:

- Exclusive information networks;
- Monopolies of knowledge.

No changes made to image.
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AI and Asymmetric Information

Sir William Arthur Lewis
(1915 - 1991)

- Lewis turning point: rural labor is absorbed into the manufacturing sector, typically causing agricultural and unskilled industrial real wages to rise.

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- Fourth Industrial Revolution: where much of the production in the economy is automated by artificially intelligent machines.
- The more artificial intelligence there is in the market the less is the volume of trades in the market.

CRON jobs

- The most prevalent of these is the Vixie cron, originally coded by Paul Vixie in 1987.

Paul Vixie
Author: Toomanydatsuns
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APIs

Roy Fielding (2008)
Senior Principal Scientist at Adobe Systems
originator of the Representational State Transfer (REST) architectural style.
Author: Phillie Casablanca
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> *"Life is a distributed object system. However, communication among humans is a distributed hypermedia system, where the mind's intellect, voice+gestures, eyes+ears, and imagination are all components."*
>
> — *Roy T. Fielding, 1998.*

APIs + Cron jobs = AI

Hyrum's law states:

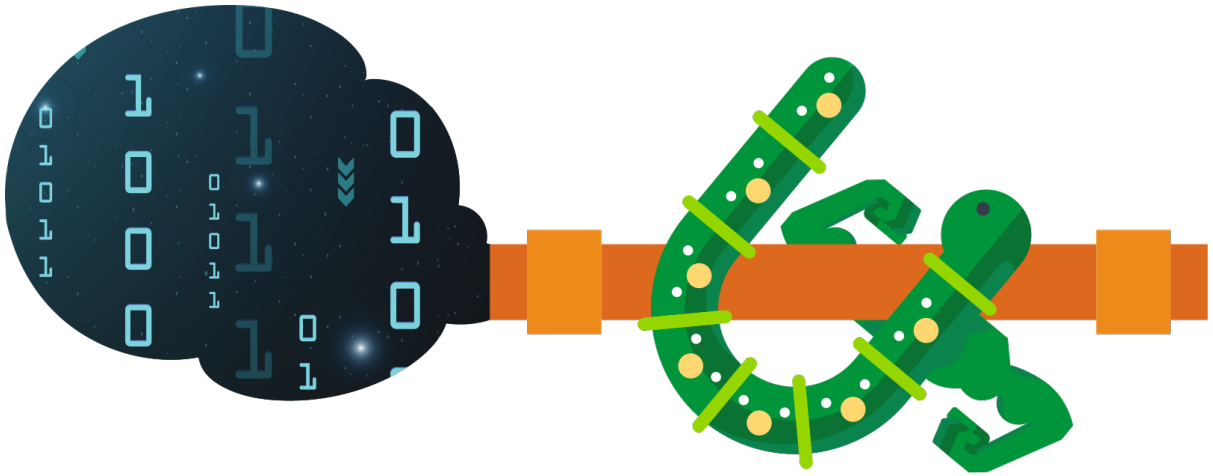
"With a sufficient number of users of an API, it does not matter what you promise in the contract: all observable behaviors of your system will be depended on by somebody."

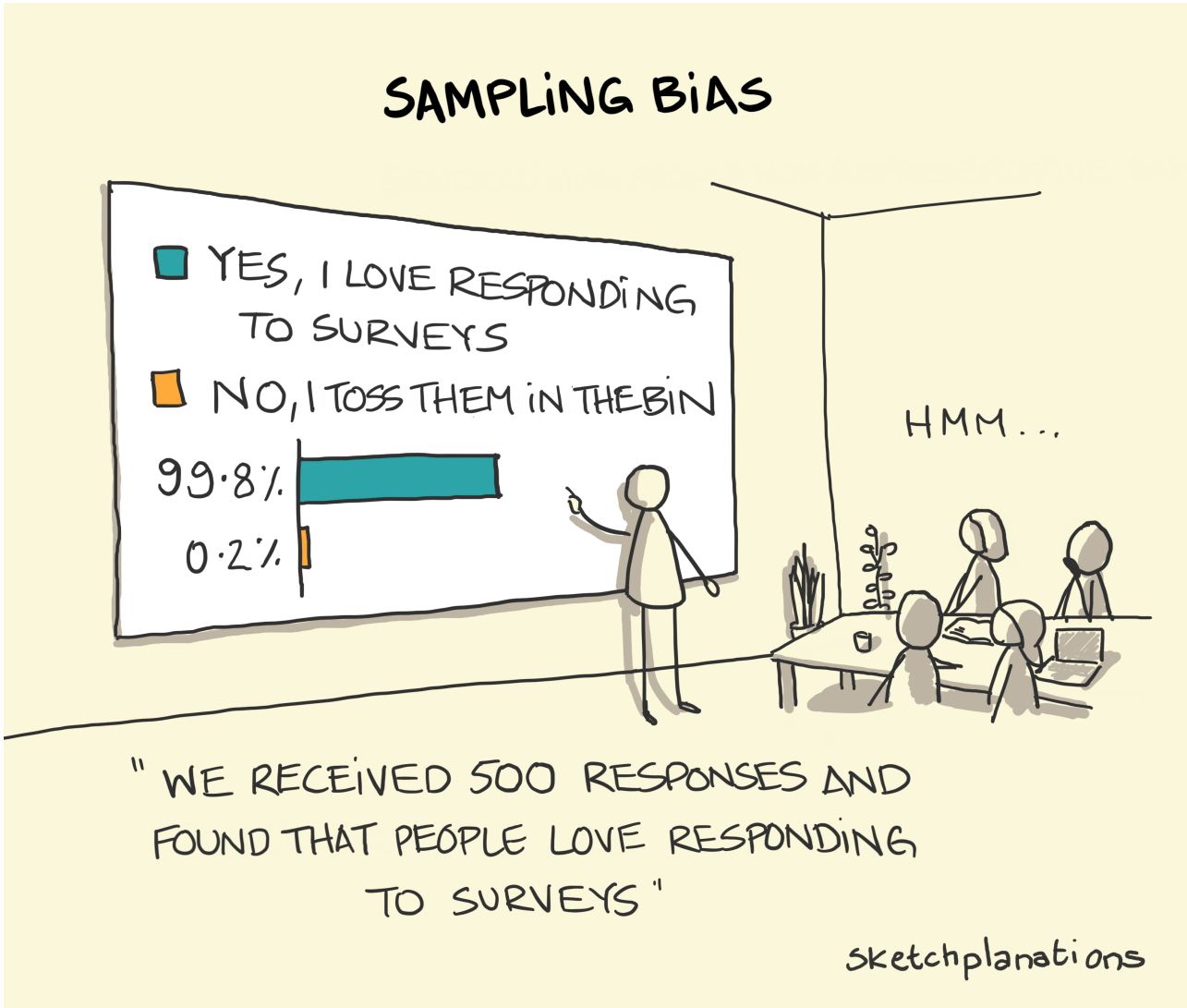
– **Hyrum Wright**, Software Engineer at Google

Question and Hypothesis

Question of the day.

- Can we create **AI** by building an API for cannabis data that utilizes cron jobs that is relied upon by a sufficient number of people to sustain its existence?





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🙏 Thank you for coming.

Insight of the Day

- *"...what enables the wise sovereign and the good general to ...achieve things beyond the reach of ordinary men, is foreknowledge."*
- *"...to remain in ignorance...simply because one grudges the outlay of a hundred ounces of silver ...is the height of inhumanity."* – Sun Tzu

The future is bright! The sky's the limit! Happy Chronica!