Healthware

The Problem

Our 21st Century Health and Wellness is being addressed with 20th Century Tools

Useful Fact

A recent market intelligence report predicts that by the year 2020, 100 percent of smartphones, wearables and tablets will have biometric capabilities.
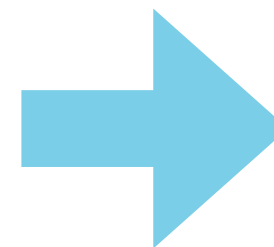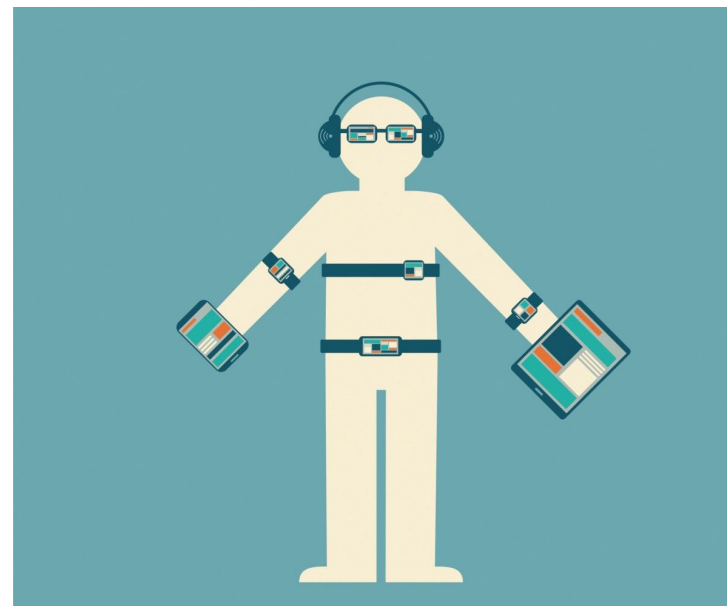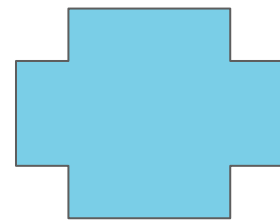
The Solution

Make it **easier** for Doctors and Psychiatrists to leverage **wearable technology**

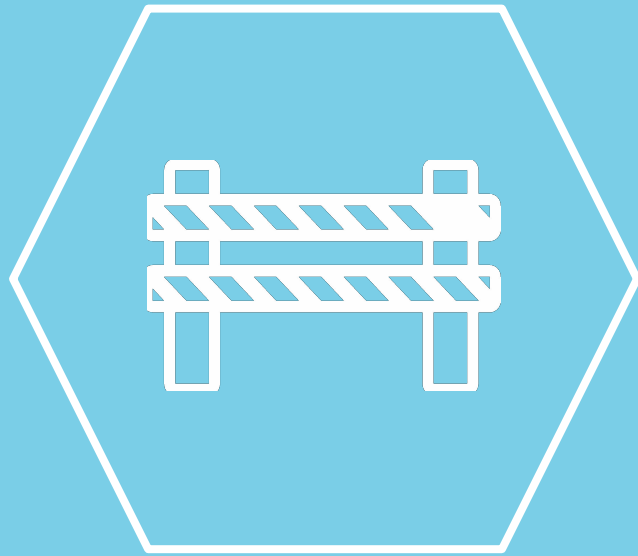# Healthware: AI Powered wearables

Your **Day-to-Day** Data

Wearable Data

Actionable Health Data Insights

Approach

Doctor Prescribes an app from Healthware App store

Data gets collected and analyzed before next visit

Healthware provides actionable insights

Use Case: Sam

- **Visits Therapist bi-weekly**

- **Linked TD Banking App to Healthware**

- **Tends to keep a lot of info to himself**
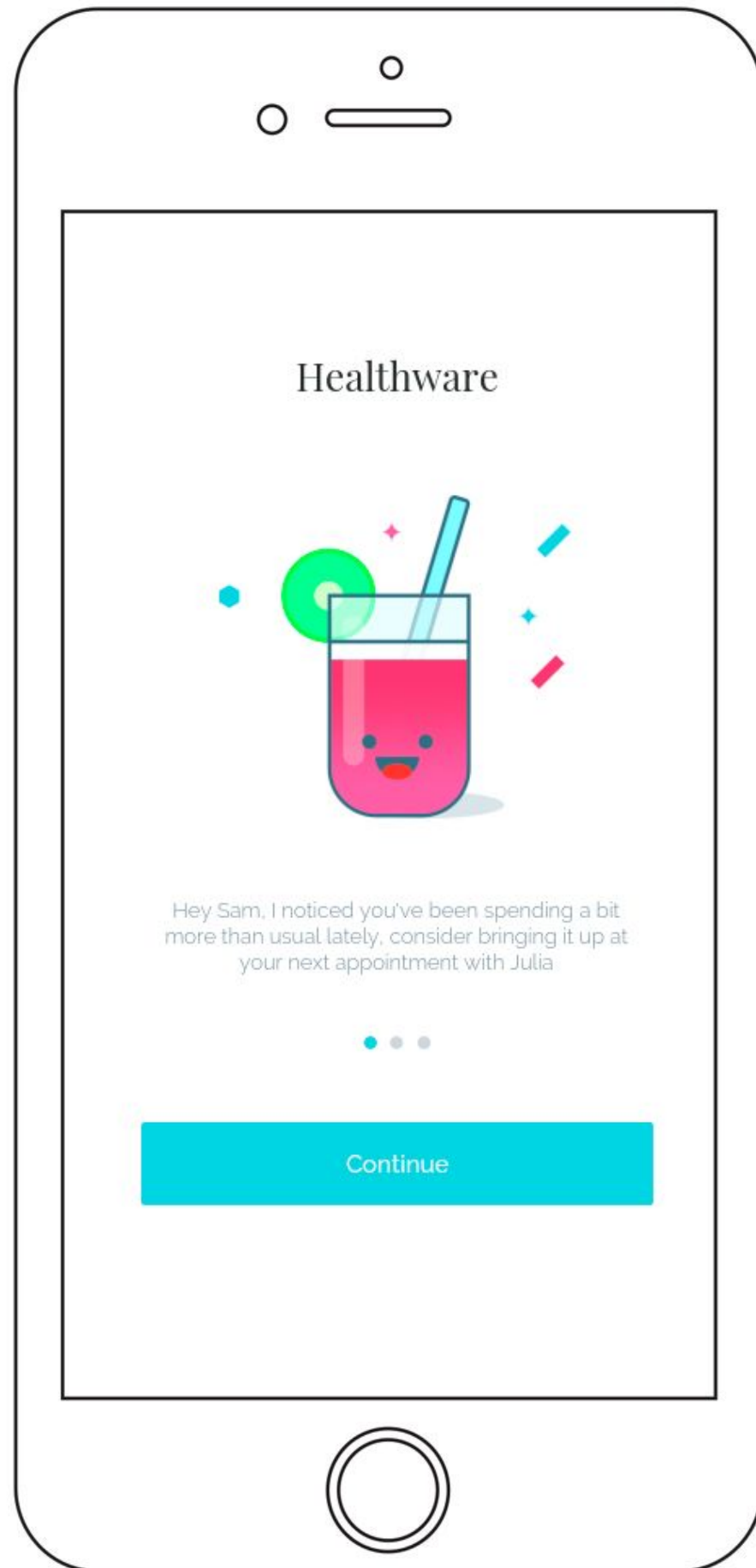
Torontonian: Sam

- **Trying to improve productivity of sessions**

- **Her Hospital purchased a mood monitoring Healthware App recently**

- **Knows the App's AI will continuously improve with feedback and use**

herapist: Julia

But Wait..

What does **this specific** **Healthware** **App do** and how would apps like it help the city?

"More than nine in ten people with mental health issues say they overspend and struggle to make sensible financial decisions when unwell"

Healthware

Hey Sam, I noticed you've been spending a bit more than usual lately, consider bringing it up at your next appointment with Julia
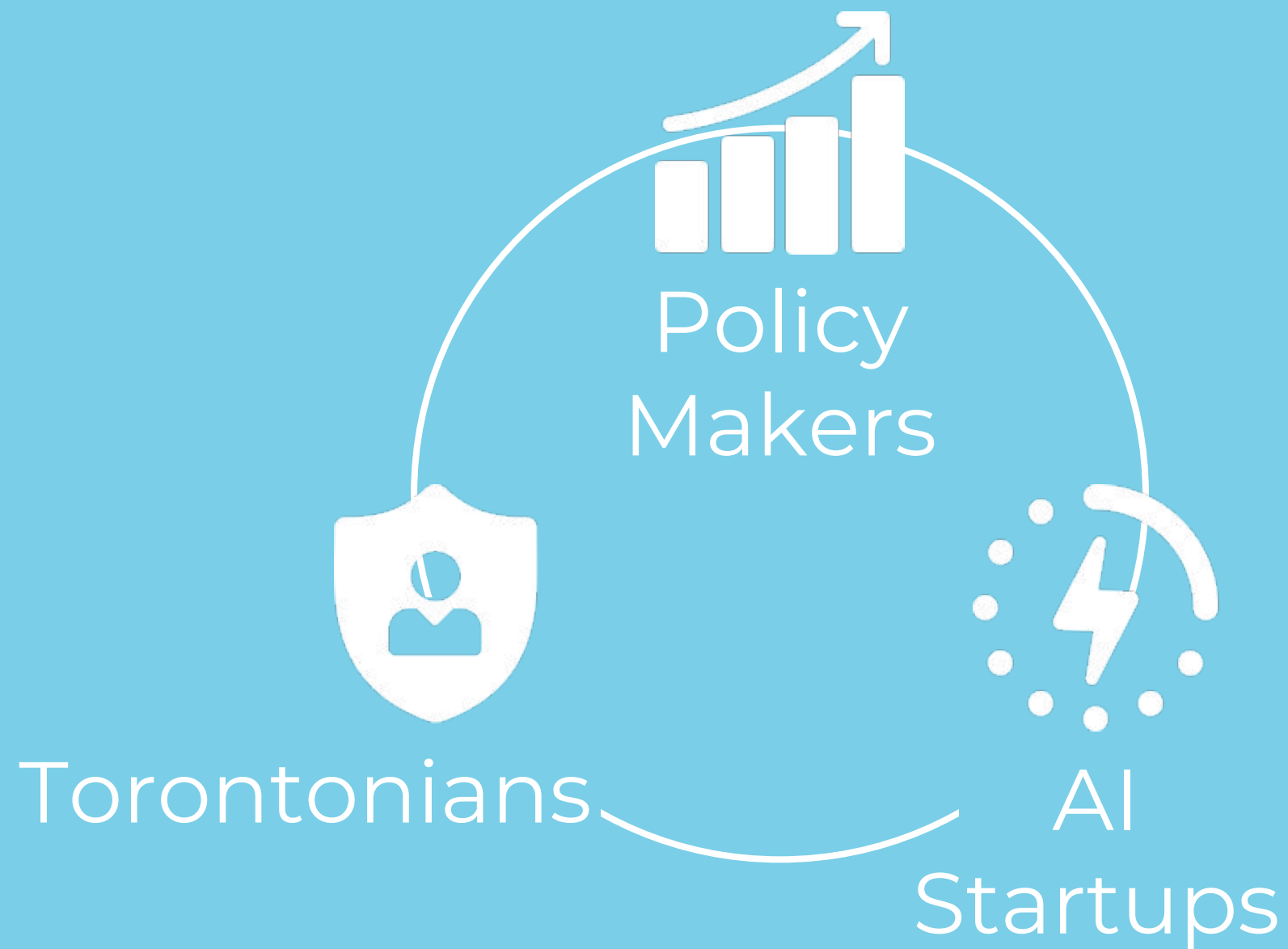
Continue

Sam Receives actionable insights from Healthware that no one else can see, based on his spending behavior

...In fact, the Healthware AI never stored Sam's data, only the insights it had about it!

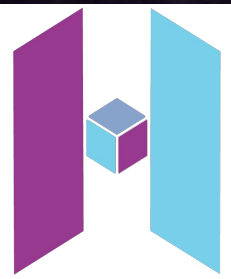**Therefore, Privacy is Conserved while leveraging the full force of AI**

Who Benefits?

Policy
Makers

Torontonians

AI
Startups

Implementation

1. Create Anonymized Data Exchange Platform
2. Build API integration for current Wearables
3. Build Healthware App store on top of exchange platform and APIs

Key Assumptions about the Future

- **Policy Makers will ultimately be supportive of "Phantom AI's"**

- **Augmented Reality wearables will become widely adopted**

- **Mental Health breakthroughs can come from data**
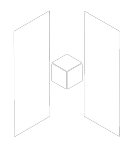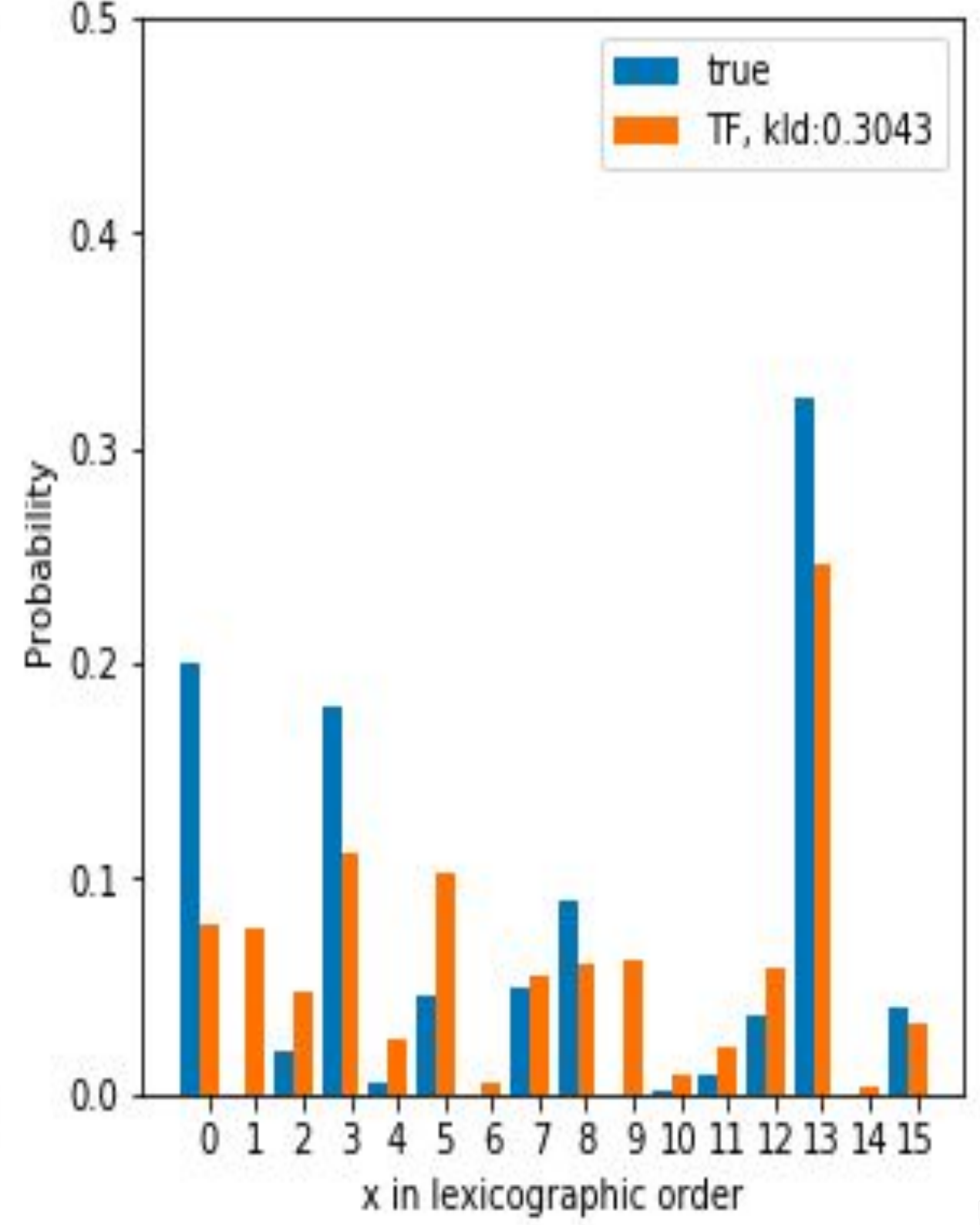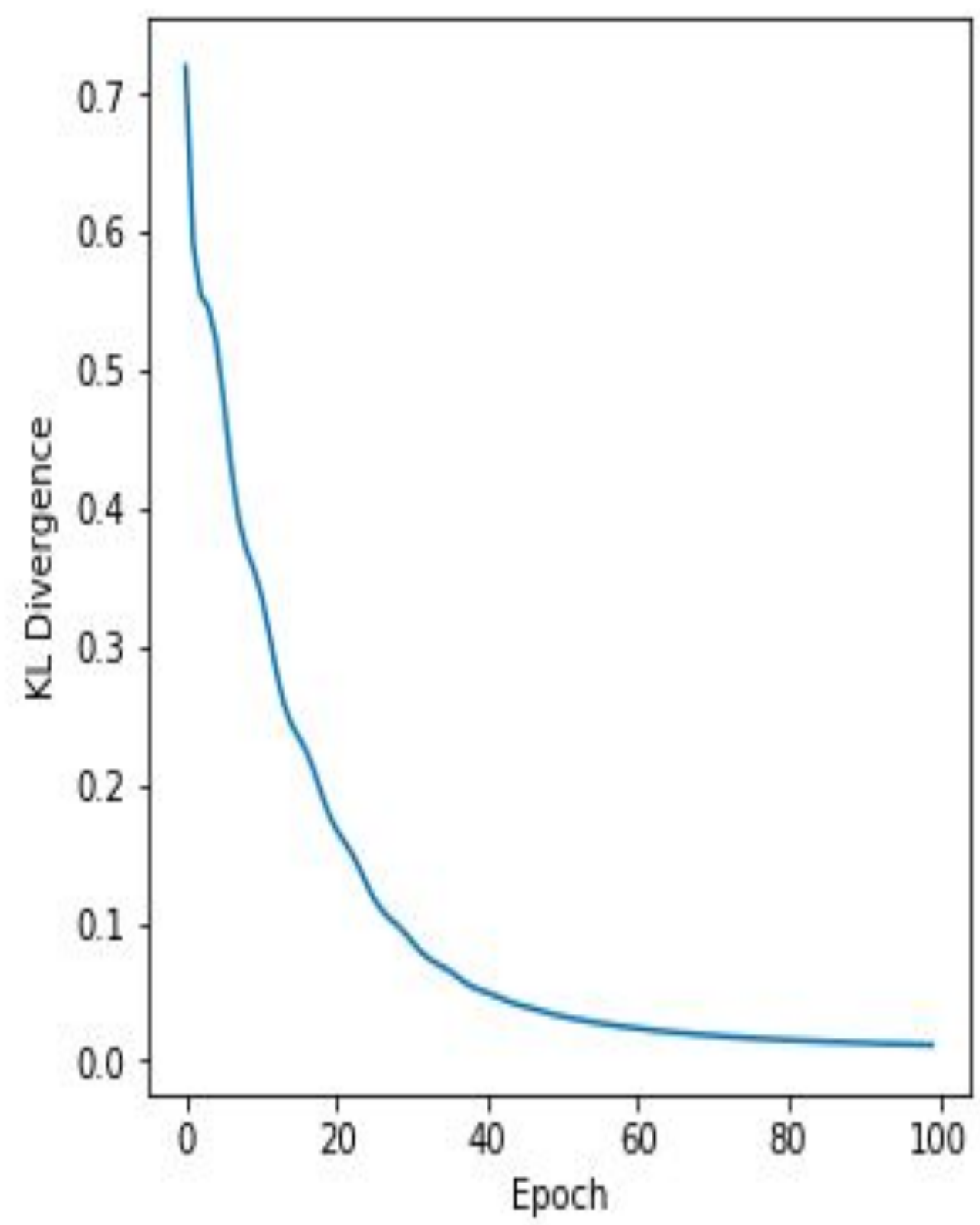
- **Quantum Computers Will Dominate**

Appendix

```
Solving Q_TF on QPU...

Text(0,0.5,'Probability')
```

Insights Example

Poor Health Spending Insight
- 7 day trend spending over 10 dollars at McDonalds

Good Health Insight
- You've hit 10 days in a row reaching over 10,000 steps

Good Spending Insight
- You haven't spent more than 10 dollars at a fast food restaurant in the last week!

Sporadic Spending Insight
- Given a person's income and personal banking information we could warn if they are spending too much on random items on Amazon