

2020 AI Tech Sprint

Theme: Interventions for Veterans not Currently Served
by VA

VA



National Artificial Intelligence Institute

About the AI Tech Sprint

- The 2020 AI Tech Sprint, centered around interventions for Veterans not currently served by VA, is a 12 week engagement designed to **foster collaboration with industry and academic partners** by iteratively designing an AI-enabled tool that leverages federal data to address a need for Veterans.
- Sprints enable a novel, nimble approach to enabling innovation and product ideation that paves the way for future partnerships.
- Leverages award-winning AI-able Ecosystem Framework on incentivizing gov-industry links:

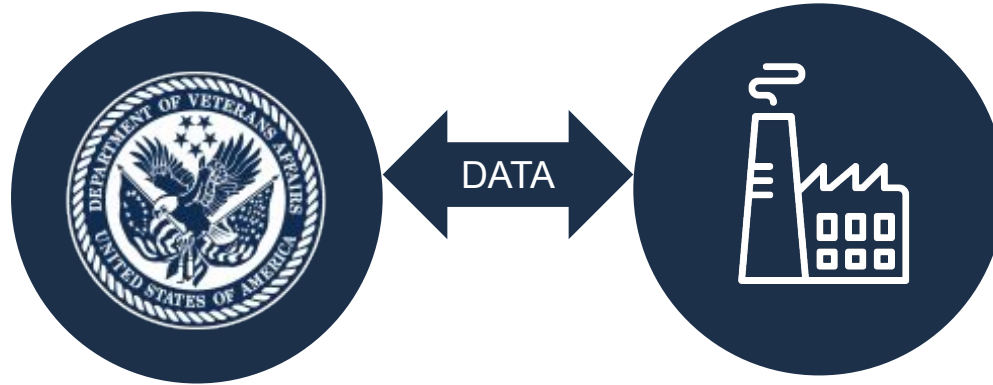
https://tophealth.github.io/img/ai-able_data_ecosystem_whitepaper.pdf



The AI Tech Sprint Thesis

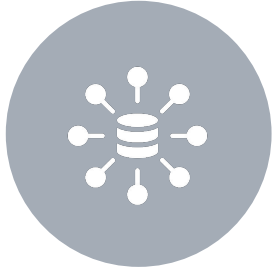
We use data as a bidirectional link between government and users of that data across industry, government labs, and others.

- Large, unique data sources (on clinical trials, patents, experimental therapeutics, patients)
- Veteran and Expert perspectives
- Technical expertise and user-based feedback
- Demo and funding opportunities



- Innovative product ideas
- Technical AI/ML expertise
- Trusted AI solution development through collaboration
- Product development expertise

Why Participate in the AI Tech Sprint?



ACCESS TO DATA

- Unique access to VA-created synthetic data
- Opportunity to formally work with the VA in **testing the developed product on real data**



PARTNERSHIP

- An opportunity to **fast-track partnerships** with the VA
- Compete for a prize pool and the opportunity to showcase your product



COLLABORATION

- Receive mentorship and guidance from experts within the VA
- Hear first-hand from Veterans
- Participate in a result-driven, proven model for innovation



COLLECTIVE GOOD

- **Mutually beneficial partnership to innovate** for Veterans' access to medical care

Following the AI Tech Sprint

- Winning teams receive both **verbal recognition** at Demo Day and potential **financial compensation**.
- Successful prototypes can either be introduced to a more relevant agency or conduct a **pilot of the product with the VA**.
- The VA will support with expert opinions (ex: clinicians) to help guide next steps

Spotlight: 2019 AI Tech Sprint

Theme: Clinical Trials Matching for Veterans

Winner: Composite Apps for a web-based application for clinical teams to quickly track encounters and tailor care plans.

Honorable Mention: GirlsComputingLeague for tool for finding eligible clinical trials for more than 9 million Veterans and more than 50 million patients on Medicaid/Medicare.

Four teams also presented at Demo Day: LifeOmic, MyCancerDB, Oracle Healthcare, and Sanford Imagenetics



2020 Theme and Data

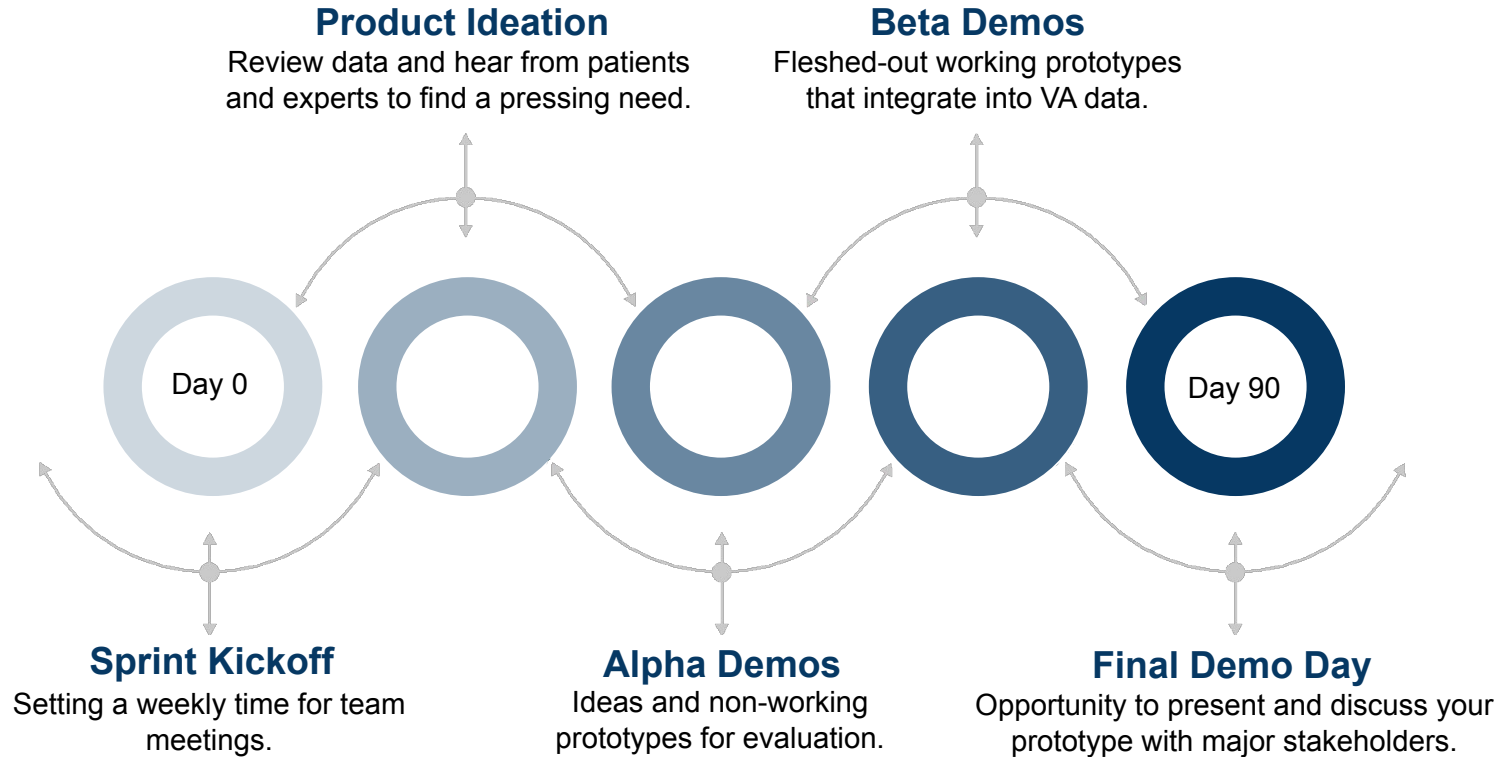
Interventions for Veterans not currently served by VA

Currently soliciting dataset requests from potential participants to complement existing open data, including:

- <https://www.data.va.gov/>
- <https://opportunity.census.gov/data/>
- <https://www.data.gov/>
- <https://healthdata.gov/>

Also working on a VA-produced synthetic dataset that we hope to have ready before the end of the Sprint for participants.

Timeline



Collaborating Departments of the VA

Office of Mental Health and Suicide Prevention

VA believes that everyone has a role to play in preventing suicide. That's why we are working with an extensive network of community partners across the country — including faith communities, employers, schools and health care organizations — to prevent suicide among all Veterans including those who may never come to VA for care.

VA Innovation Network

VHA Innovation Ecosystem's mission is to enable the discovery and spread of health care innovations within VHA that exceed expectations, restore hope, and builds trust within the Veteran community.

VA Informatics and Computing Infrastructure

VINCI is an initiative to improve researchers' access to VA data and to facilitate the analysis of those data while ensuring Veterans' privacy and data security. VINCI welcomes all researchers in the VA community to explore the environment and tools available.

Next Steps

Information Session on July 24th

Learn more about applying to join the
VA's 2nd Annual AI Tech Sprint

[Click to watch recording](#)

Application due on August 7th

A short application to be selected to
compete in the Tech Sprint

[Click to apply](#)