JIVA.ai

jiva.ai **@jivaAI**

PROBLEM

AI in healthcare is hard because data science personnel are scarce, data is complex, and solutions are diverse. Even when a business can overcome these challenges, maintaining AI in production itself is expensive and cumbersome.

Moreover, most real-world problems that require practical AI solutions are fragmented, i.e. only a fraction of all data modalities are available whilst other modalities become available over time. There is no real way to merge these AIs together to cooperate and create bigger, better solutions as a whole – and critically, there is no real way to get explainability out of AI.

> " DigitalHealth.London has been instrumental this year for us in opening up new avenues for partnerships, revenue, R&D opportunities and investment. The organisers have assembled a fantastic array of support events and the company navigators have been amazing at steering us patiently in the right direction. "

SUCCESSES AND IMPACT

- Jiva RDX – a prostate cancer diagnostic built in the platform as a Proof of Concept (PoC) – has just completed a grant funded project with Moondance cancer initiative and the Tritech Institute. The objective is to scale the diagnostic across Wales NHS boards.

- Accepted onto G-Cloud13 platform, which opens the door for this solution to be more generally available to government organisations.

- Successfully won places at multiple prestigious Accelerators including DigitalHealth.London, TechNation and IBM Hyperprotect.

90%
cost saving to creating an AI
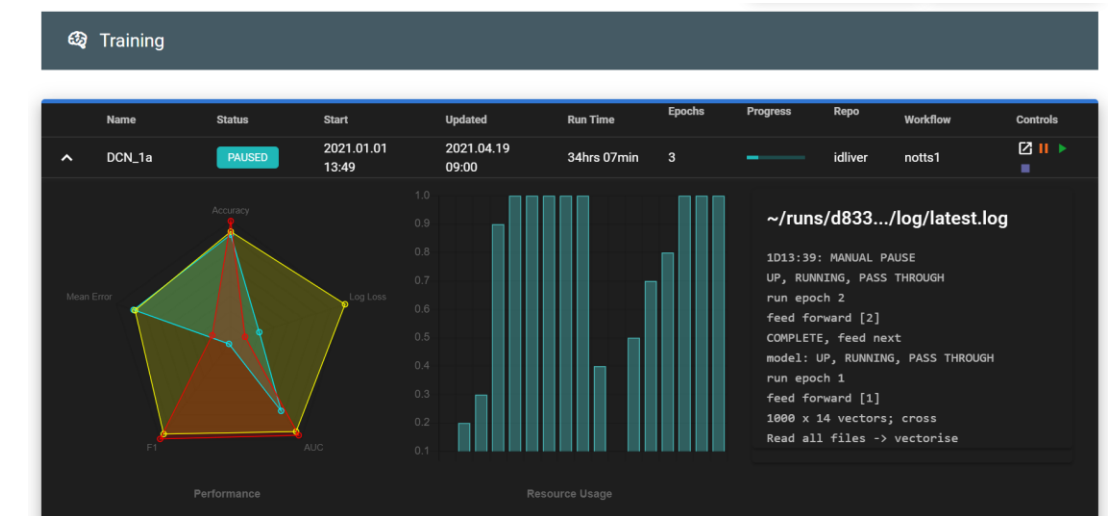
80%
time saving to creating an AI

JivaRDX outperforms the human radiologist:
94% versus **78%** sensitivity
90% versus **65%** specificity
at identifying prostate cancer (PCa) lesions

SOLUTION

Jiva is a "no code" platform which will empower clinicians and scientists of all data science ability to build, test, validate and deploy diagnostics and AI automation tools. Jiva's patented multimodal algorithms enable one to merge AIs together whilst simultaneously creating explainable solutions.
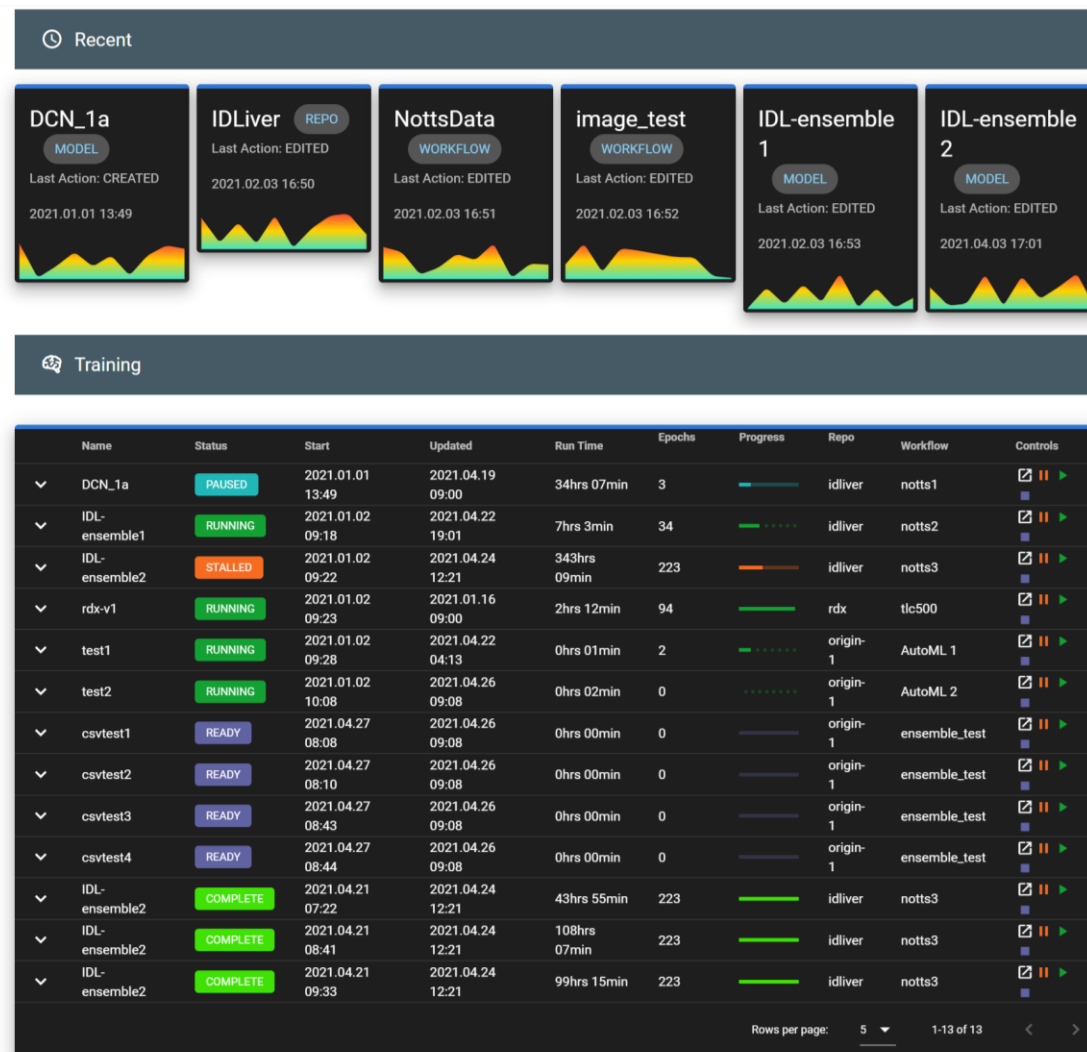

> " Jiva.ai represents the next generation in AI of applications in healthcare... and the need could not be more apparent than in the prostate cancer diagnostics space. I am happy to fully support Jiva in their endeavours and have every confidence in the team's ability to deliver on a ground-breaking product. "
>
> *- Prof P Dasgupta, Kings College London*

WHAT'S NEXT?

Jiva would like to show real life gains made in patient health, cost and time of using the Platform in a variety of healthcare applications (diagnosis, service improvement). They are open to projects with trusts, clinicians, scientists and academics. They would also like to increase the number of pilot sites using the JivaRDX prostate cancer detection tool for validity and feedback. They would like to add more datasets to improve the product as well as adding different data verticals (PSA, ethnicity, tumour genetics) to become multimodal.

Find out more: