

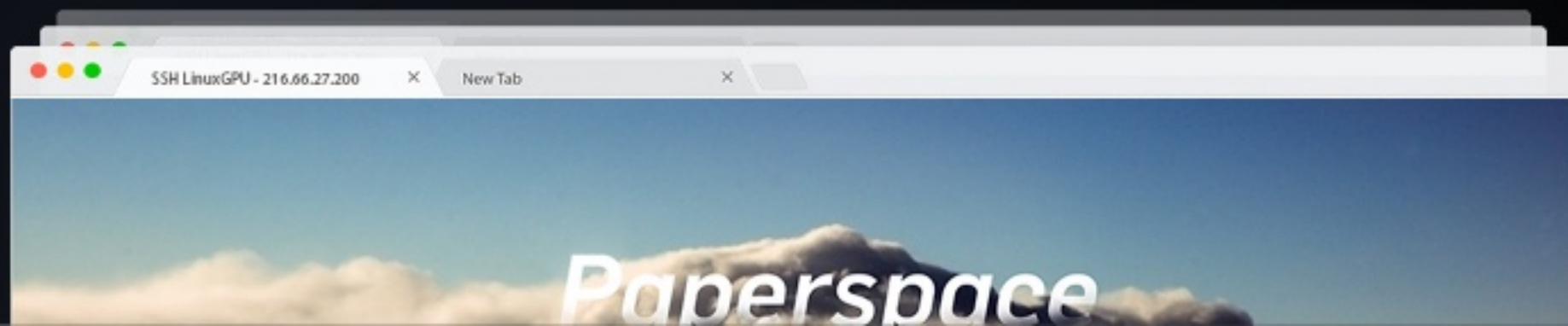
DO NOT DISTRIBUTE

Paperspace  
www.paperspace.com



# *Paperspace*

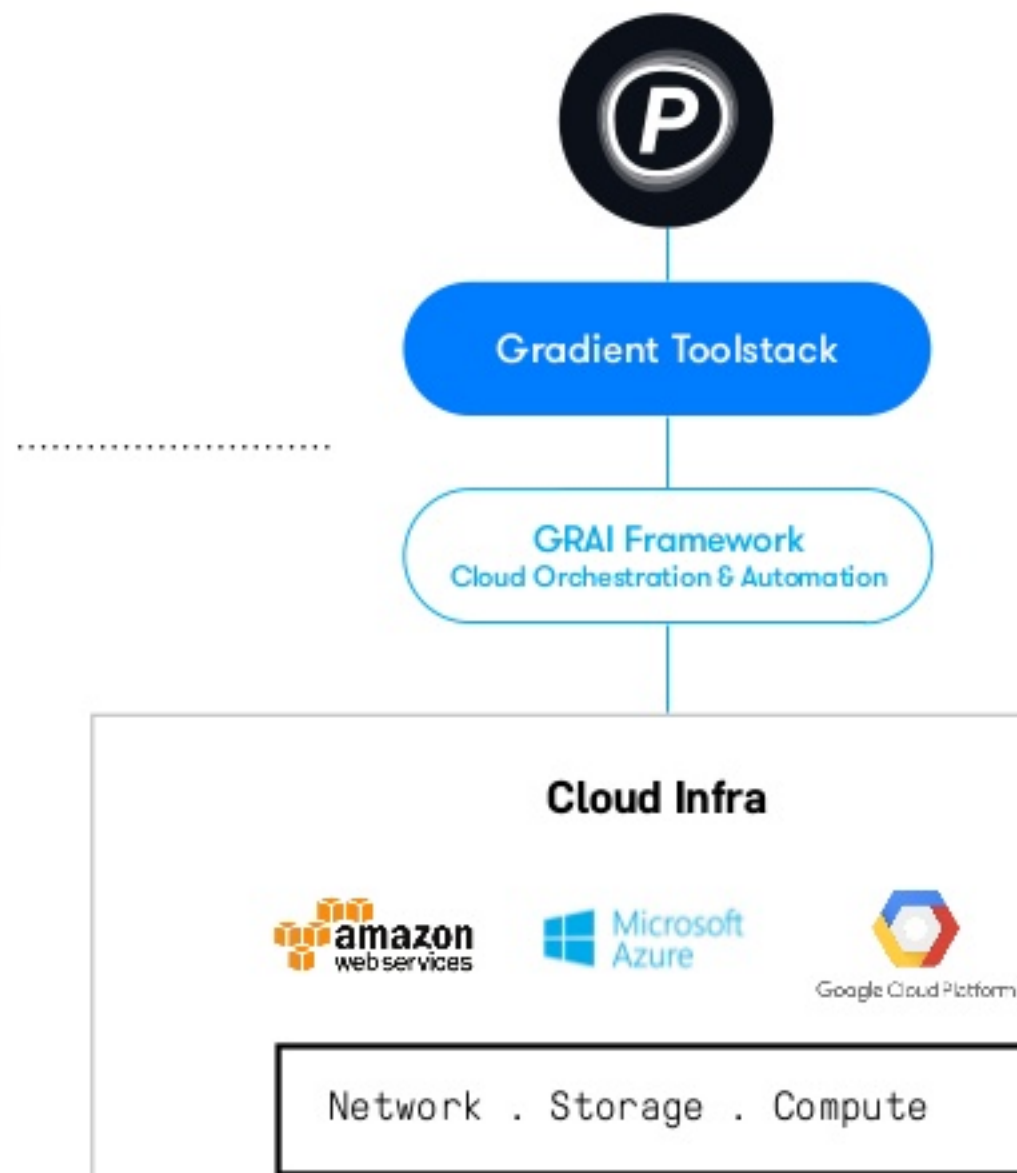
Serverless AI for the future of intelligence.



# Deep Learning platform built for developers.

```
> import paperspace as ps  
# Run job on GPU cluster  
> ps({'Type': 'TPU', 'container': 'TensorFlow' ... })
```

Infrastructure automation and software layer to build intelligent applications.





A new generation of AI  
developers require a rethinking  
of tooling and workflows.

Why this matters

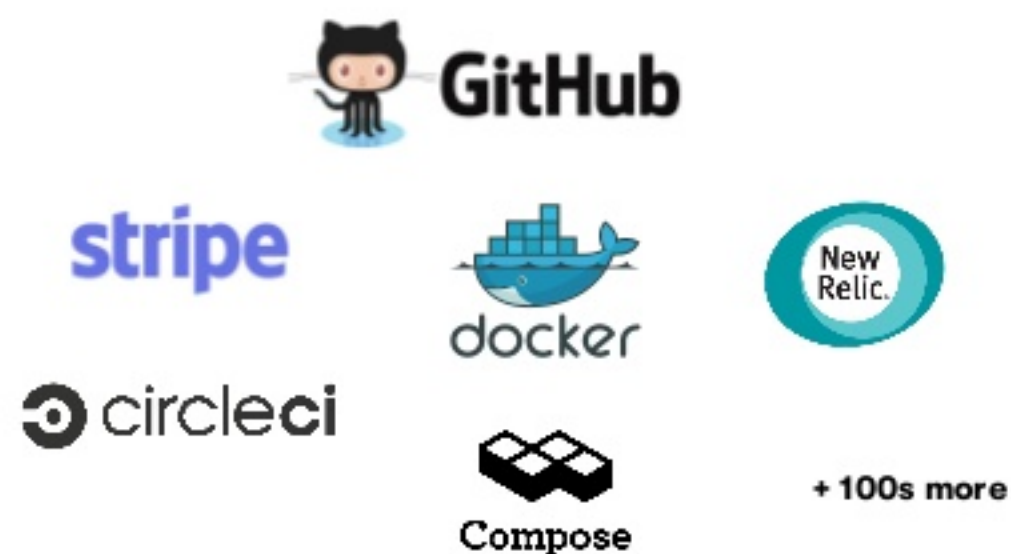
**Developers spend 75% of their time  
managing infrastructure.**

So what's the underlying problem?

The cloud was built for a different use-case (**web servers**) and a different audience (**DevOps**).

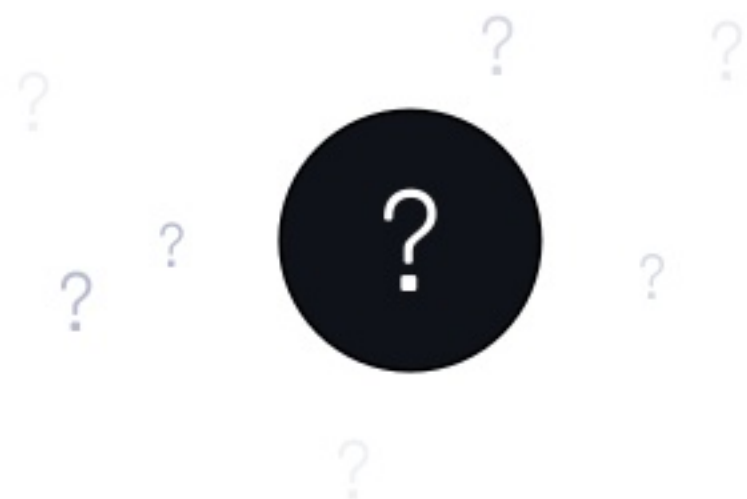
# The Software Development ecosystem is rich

## Traditional Web Services



storage, CDN, deploy, monitor, VPC,  
load balance, IPsec, CI/CD, DNS ...

## Deep Learning



data, notebooks, train, visualize,  
collaborate, version, hyperparameters ...

The key to solving this problem is finding the right layer of abstraction.

# The evolution of ML/AI in practice

2016

2018

---

**Consumable API → Refit the Model → Model as core IP**

---

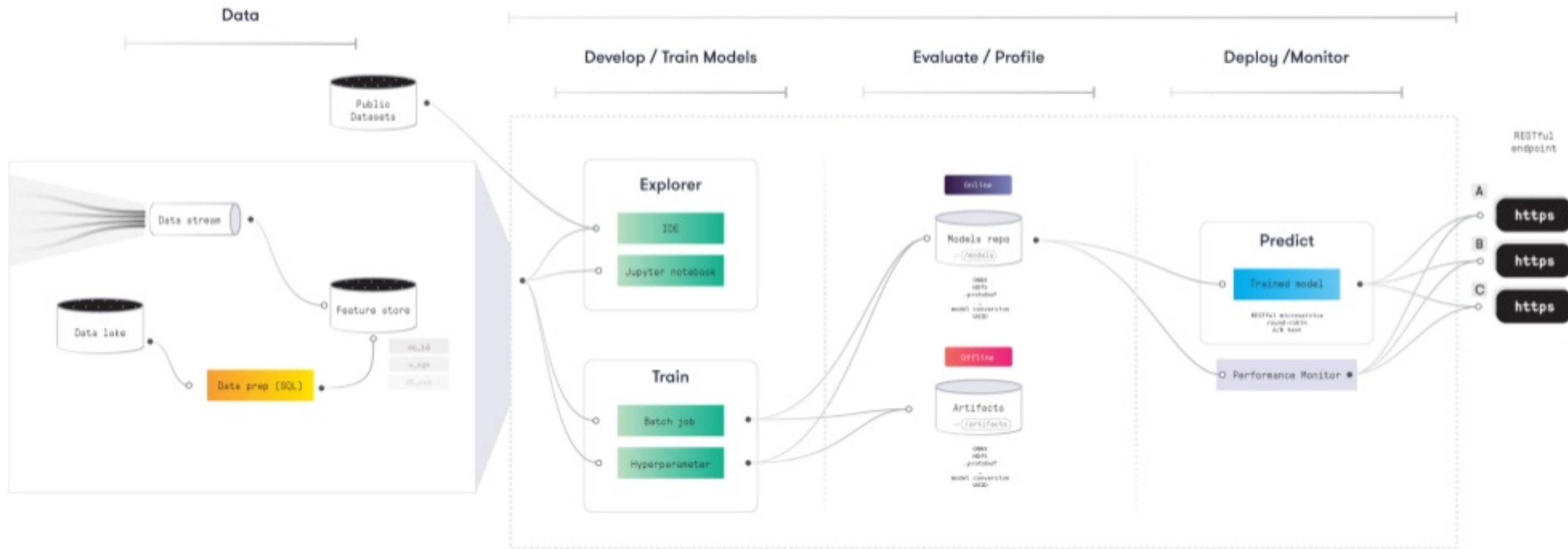
- Clarifai
- AWS Rekognition
- Google Cloud Vision
- MS cognitive services

- Paperspace
- Algorithmia
- FloydHub
- ClusterOne



# The Pipeline

gradient<sup>o</sup>

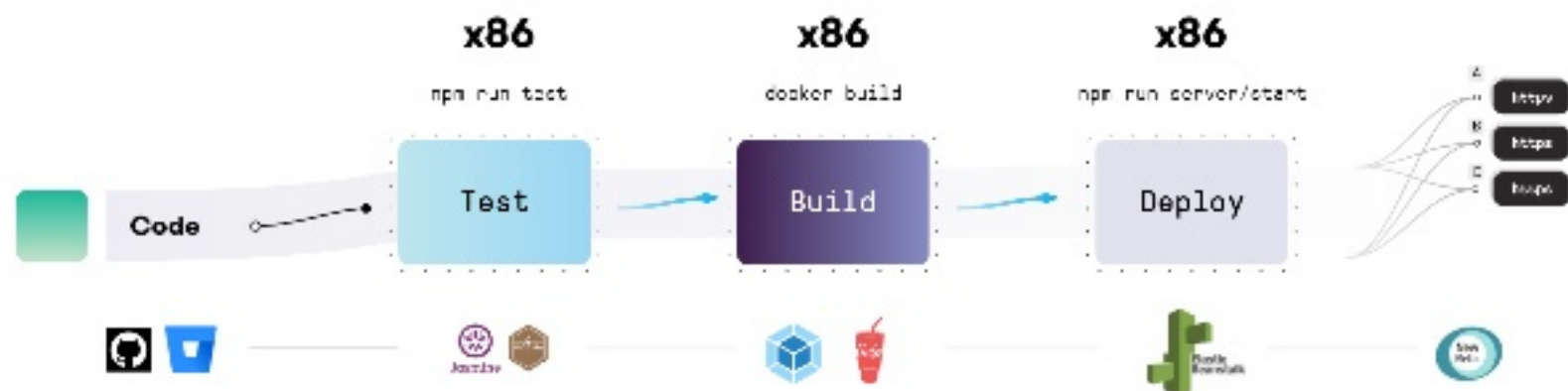


**GRAI** AI orchestration fabric

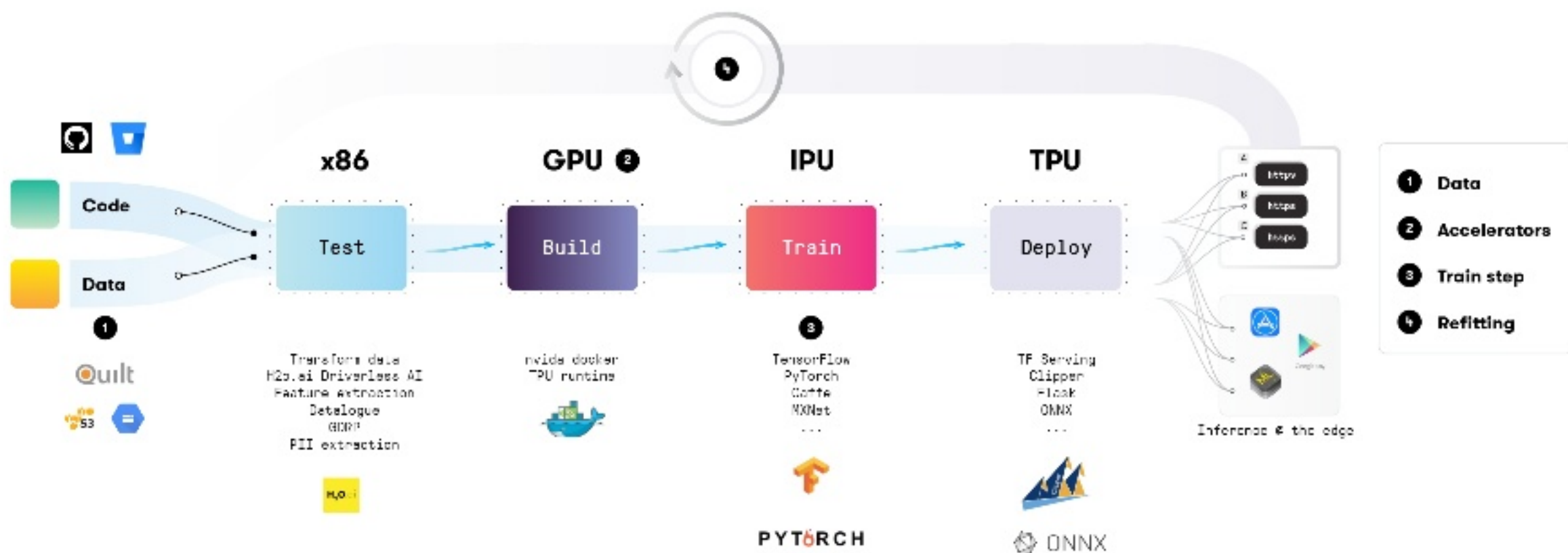


# CI / CD for Machine Learning

## Traditional Web Apps



## ML / AI



# A complete platform for modern deep learning

Ingest → Train →

Analyze → Deploy

+

Manage, collaborate, share

- Fully-managed GPU infrastructure
- Unified dev experience
- 1 click Jupyter Notebooks/Lab
- API & language integrations
- ACL/team controls



Abstract powerful infrastructure  
behind a simple software layer  
making cloud ML as easy as  
modern web services.



# Future: Realtime, Online Learning

**Paperspace**

20 Jay St. Suite 312  
Brooklyn, NY 11201

hello@paperspace.com

www.paperspace.com

(718) 619 4325

Thank you.

