

# **X**ebia

## Agenda

- A bit of context
- The Audience
- The Challenge
- Local Coding, Remote Execution
- Inner Development Loops
- Remote Runners
- Demo Time
- Worth Also Considering





#### The Audicence



- Spread in different offices or WFH
- Limited SW Dev background
- Work in ML models for Industrial Data
- Just looking for a places to run their models

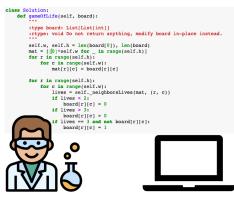


Data Engineers

- Support one or more DS Teams
- Data Platforms background
- Expected to support DS on Platform needs
- Not following common practices

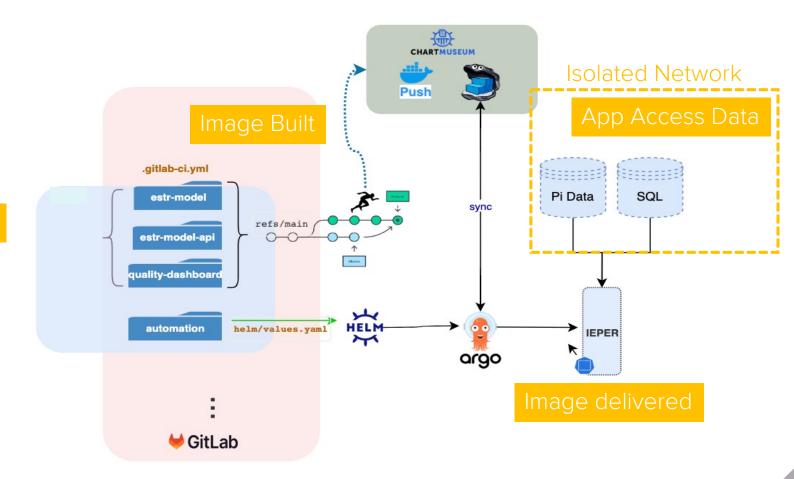


## The Challenge...



Data Scientist Push the code

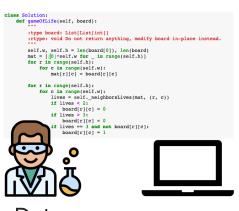




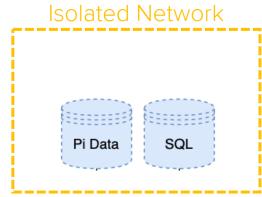


## The Challenge...





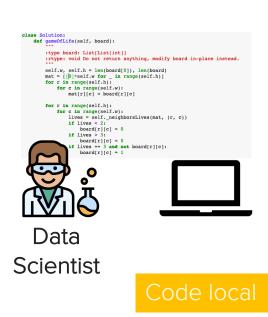




- Validate ML before pushing
- Accelerate the delivery process
- Nurture experiementation

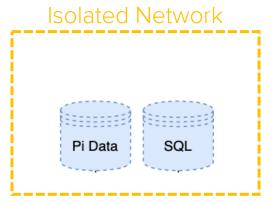


## Local Coding, Remote Running...



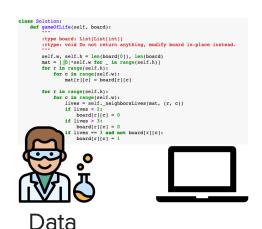


Runner





## Inner Development Loop...





Scientist

Code local

- Sync code from local to remote
- No image rebuild process on change
- Support for Helm and Kustomize
- Declared in code
- Platform agnostic... Cloud or On-Prem
- Run remotely
- Sync, Build and Deploy workflow





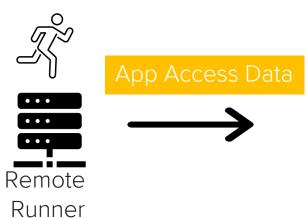


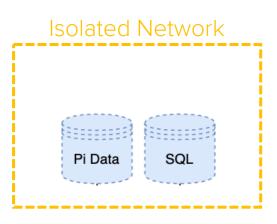






#### **Remote Runner**





- Lightweight
- Declared in code
- Recyclable
- Isolated environments
- Autonomy for devs
- Resources allocation
- Support for Helm charts



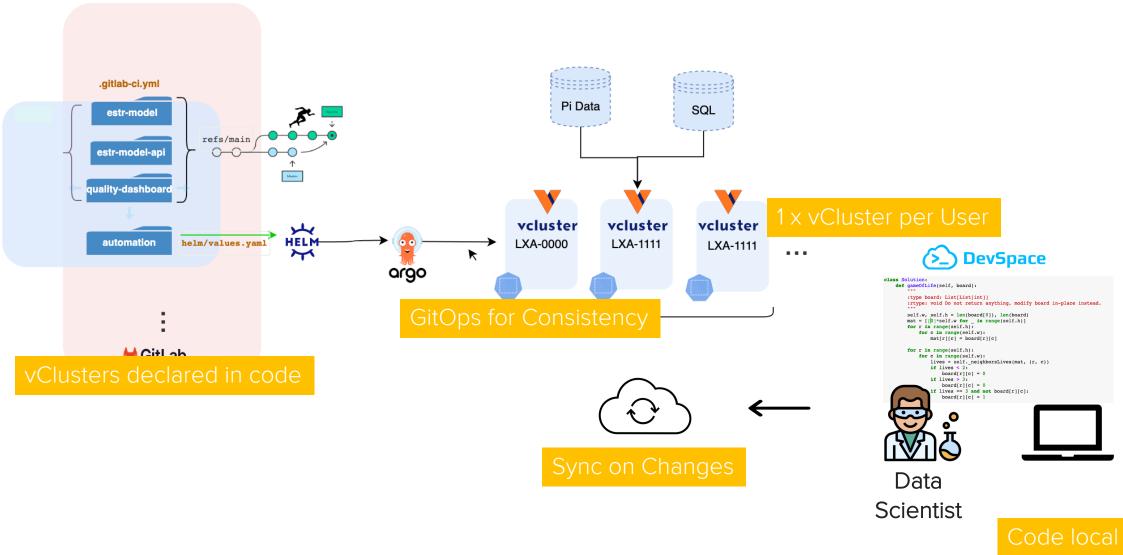








#### Here comes the solution...





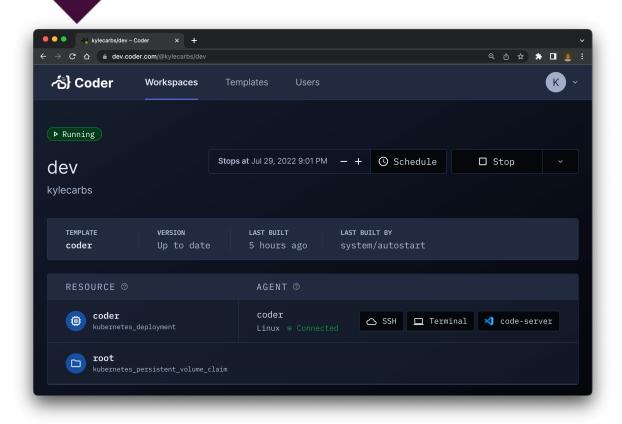
### Demo Time

... Let's see in action.

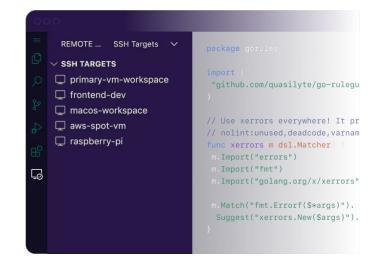


#### To Check out as well...

Coder creates remote development machines so your team can develop from anywhere. https://coder.com/









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