# Kubeflow Workshop

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# Pre-requirement

- Be comfortable with UNIX command line
  - Navigating directories with `cd` or `tree`
  - Editing files, like `vim`, `nano`
  - Bash scripting, like env or looping
- Be an export with `Google`
  - https://letmegooglethat.com/?q=you+can+google+it

It is totally OK if you don't know what is Container and Kubernetes

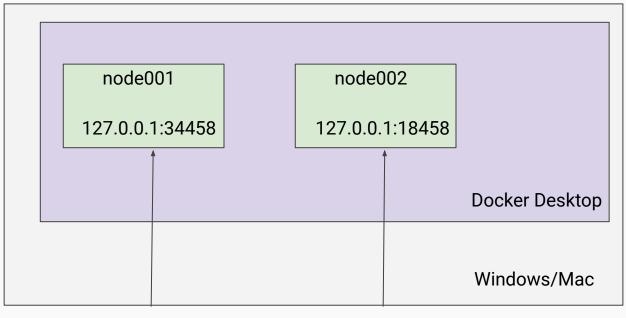
#### 孩子, 您多久沒唸中文了?

荀子《儒效篇》

「不聞不若聞之, 聞之不若見之, 見之不若知之, 知之不若行之; 學至于行之而止矣。」

#### multikf: One-click Installation

Multikf: <a href="https://github.com/footprintai/multikf">https://github.com/footprintai/multikf</a>



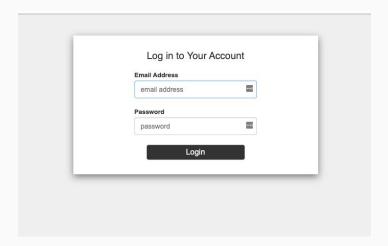
http://localhost:34458 http://l

http://localhost:18458

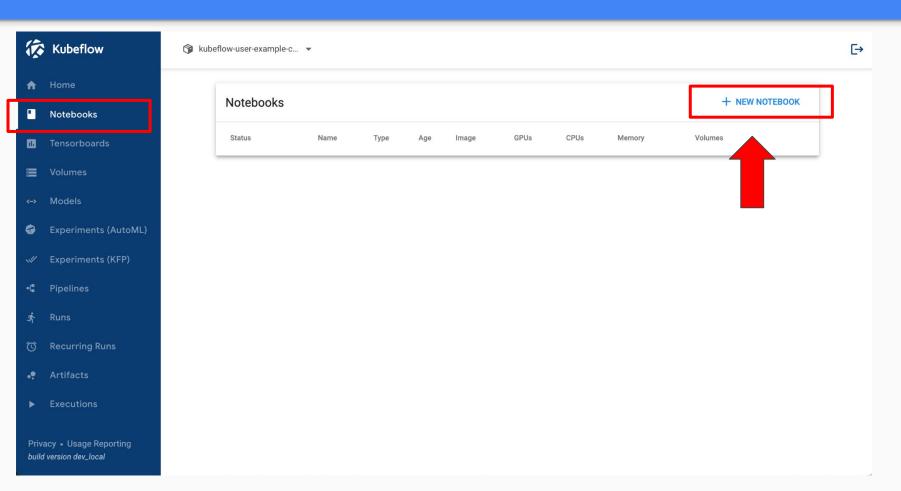
#### Wait! 所以我說那個帳號密碼呢?

Account: <a href="mailto:user@example.com">user@example.com</a>

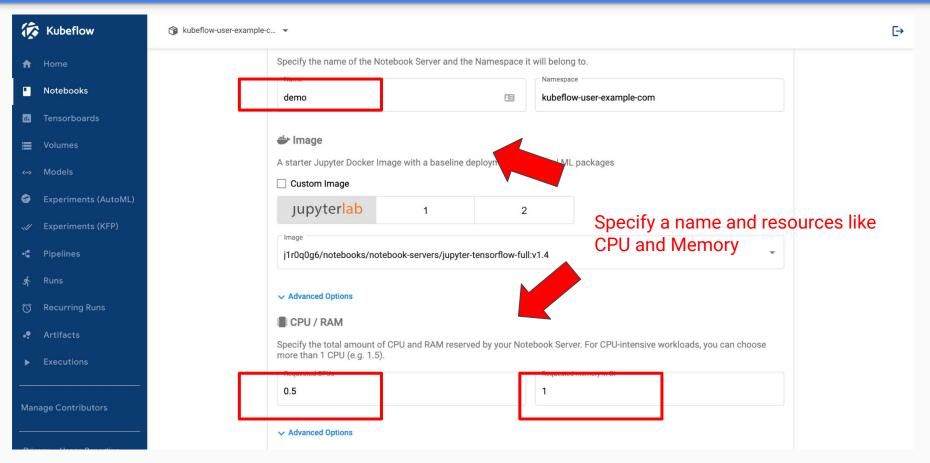
Password: 12341234



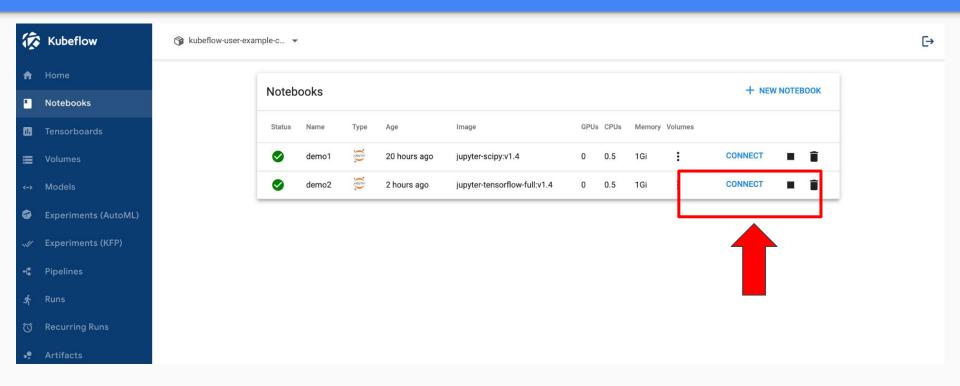
# Step1: Use Notebook as Online IDE (1/3)



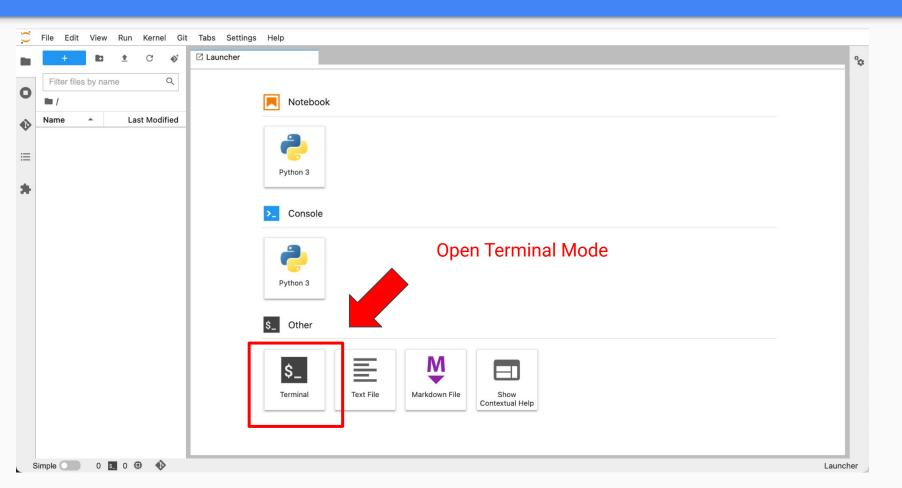
### Step1: Use Notebook as Online IDE (2/3)



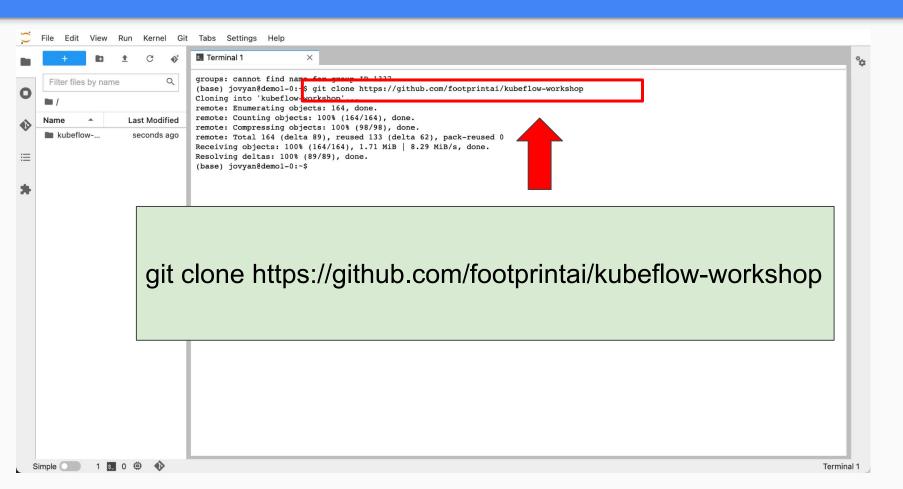
# Step1: Use Notebook as Online IDE (3/3)



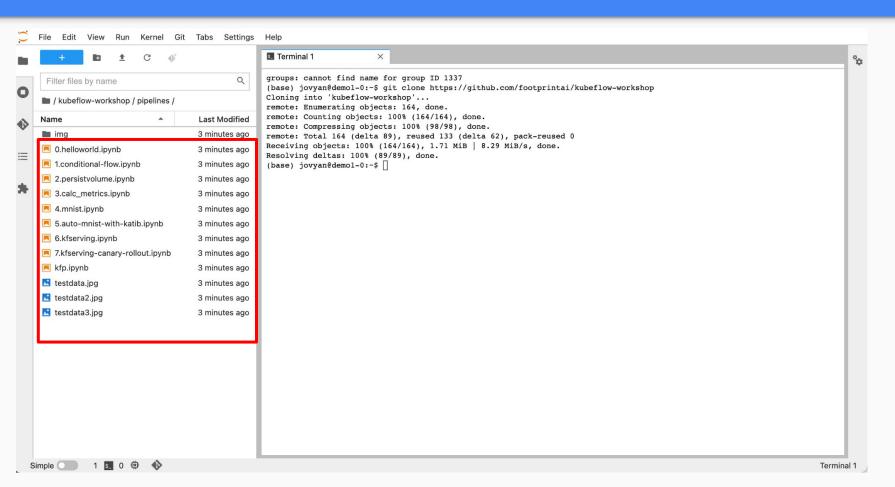
# Step2: Use terminal to download the materials (1/3)



### Step2: Use terminal to download the materials (2/3)

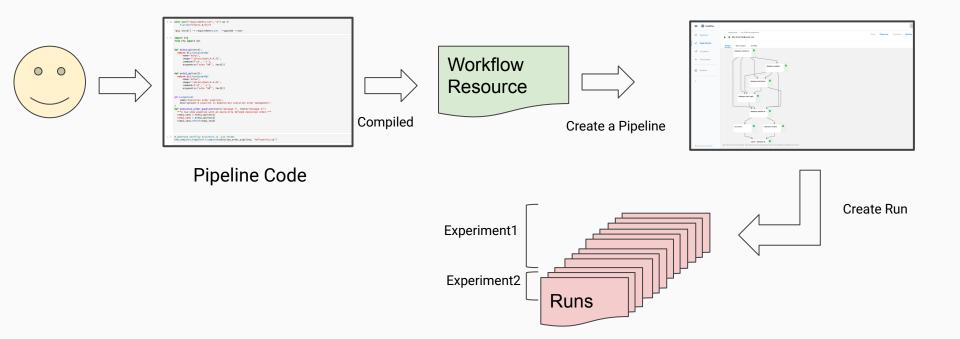


## Step2: Use terminal to download the materials (3/3)



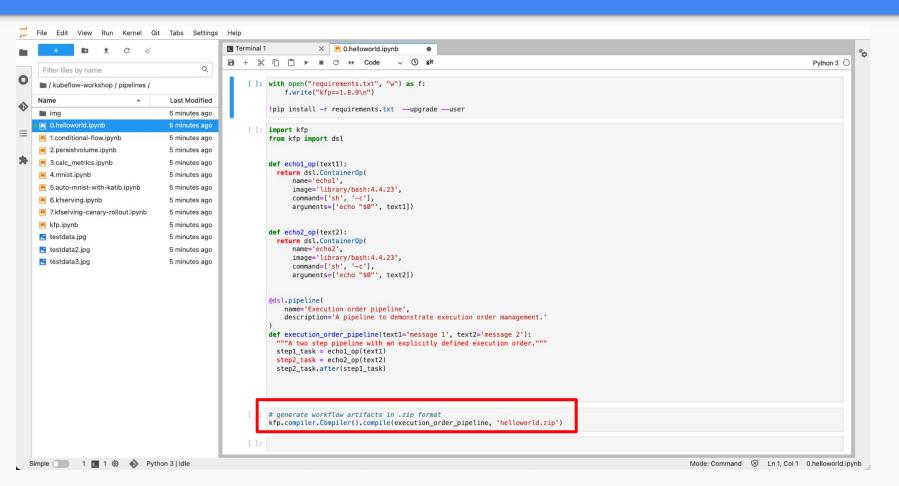
# Kubeflow Terms

# 詞彙說明

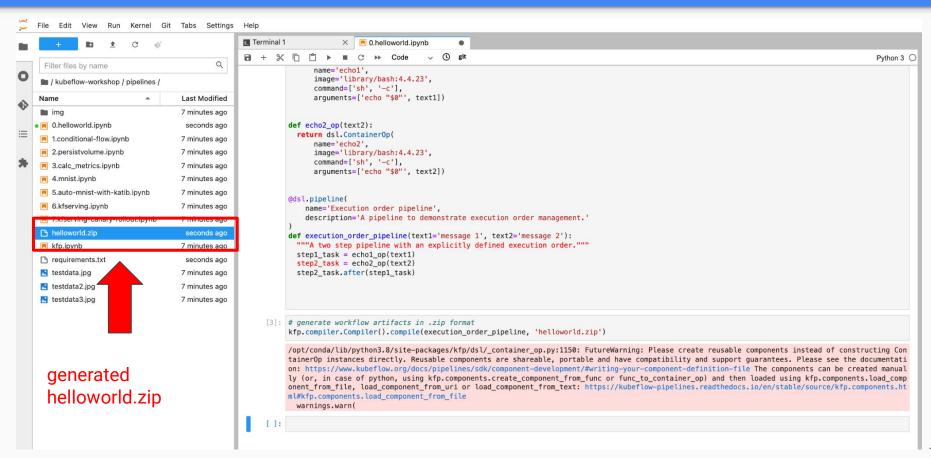


# Hello World Example

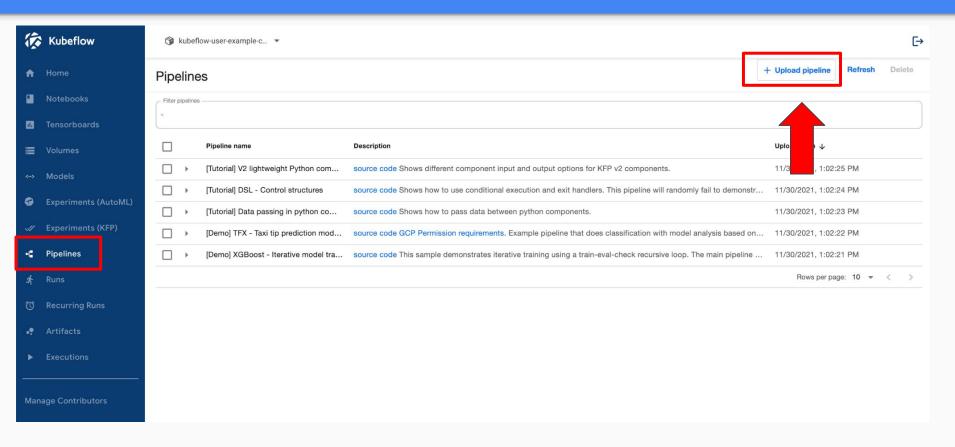
### Step4: Compile helloworld.ipynb (1/2)



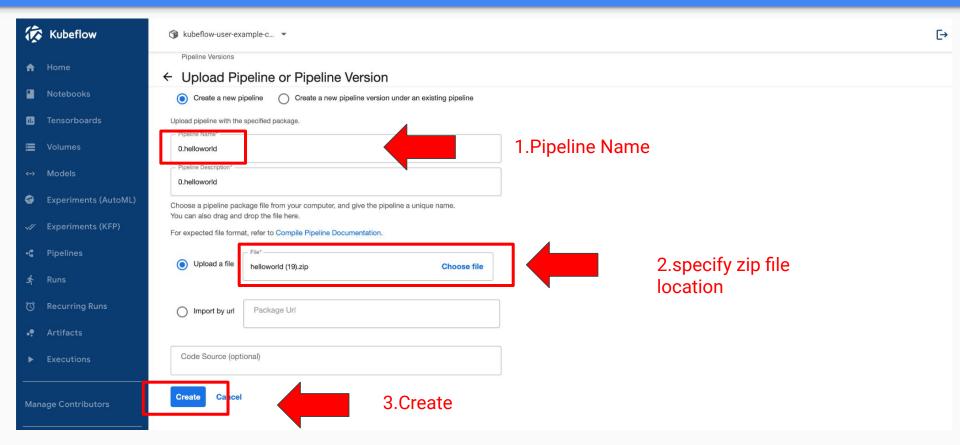
#### Step4: Compile helloworld.ipynb (2/2)



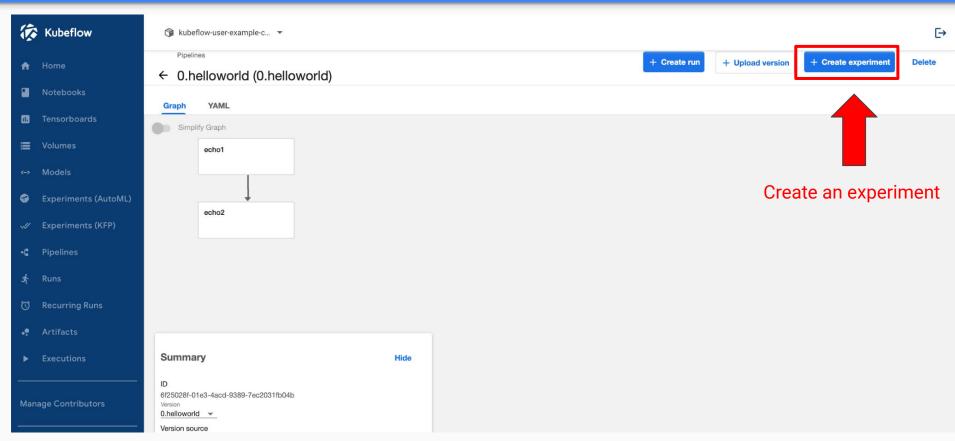
### Step4: Create a Pipeline (1/7)



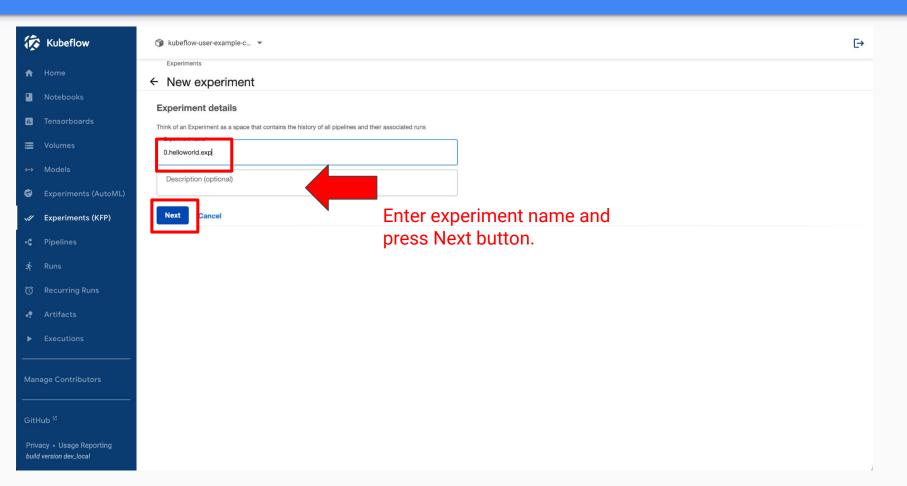
### Step4: Create a Pipeline (2/7)



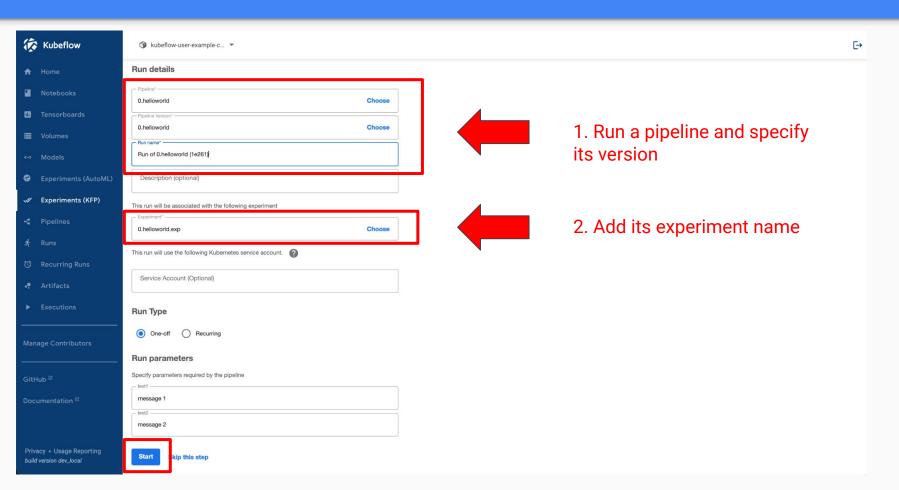
# Step4: Create a Pipeline (3/7)



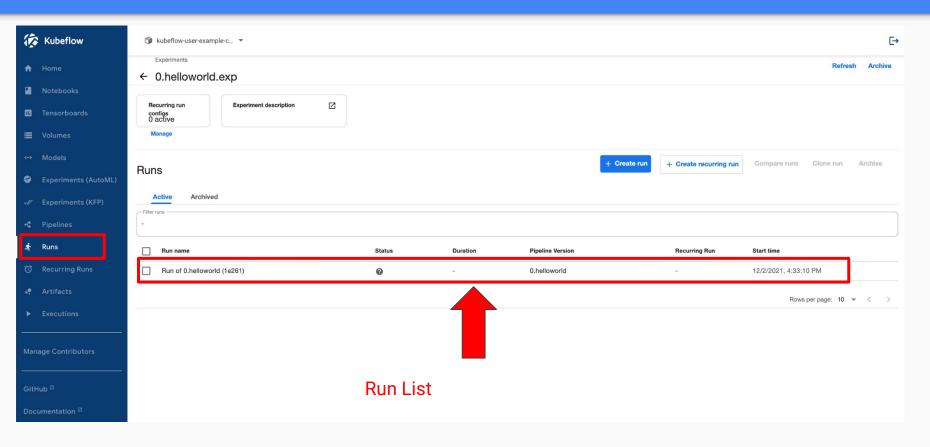
## Step4: Create a Pipeline (4/7)



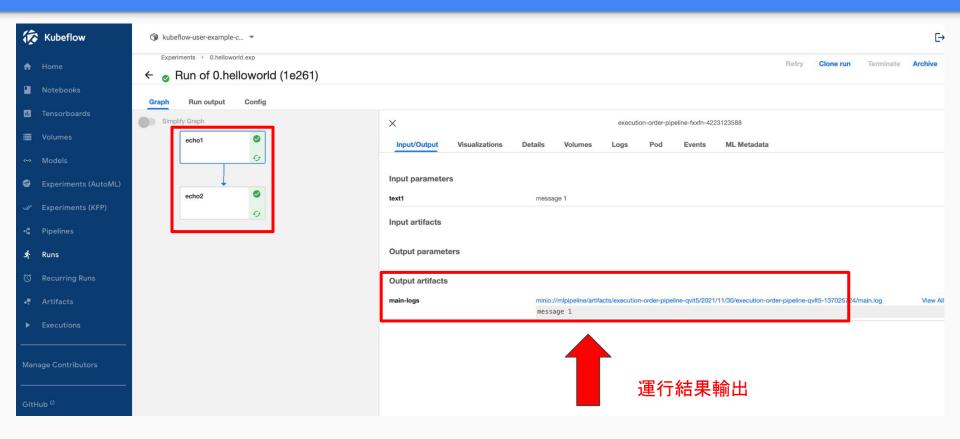
### Step4: Create a Pipeline (5/7)



# Step4: Create a Pipeline (6/7)

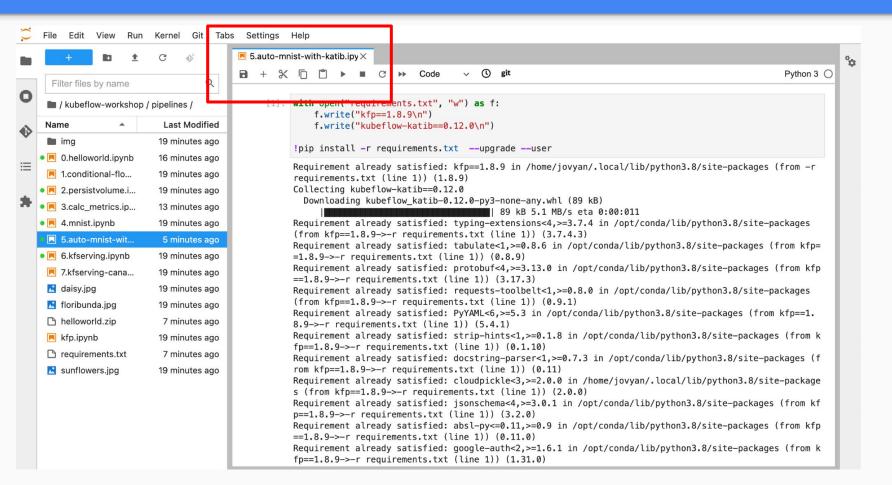


### Step4: Create a Pipeline (7/7)

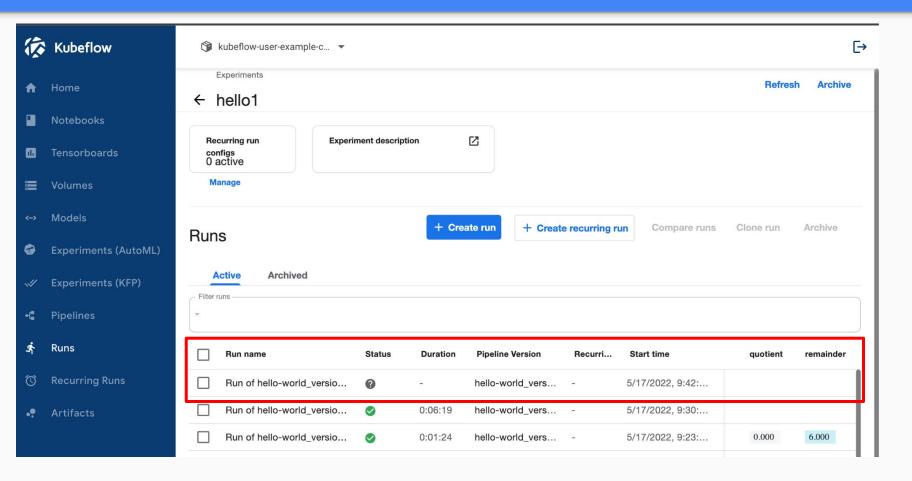


# Hyperparameter Example

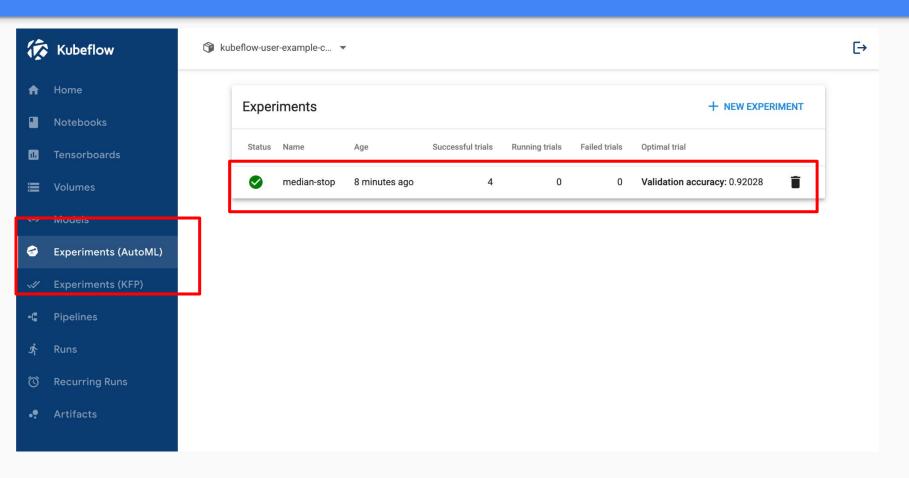
#### Step5: Hyperparameter tuning with katib (1/4)



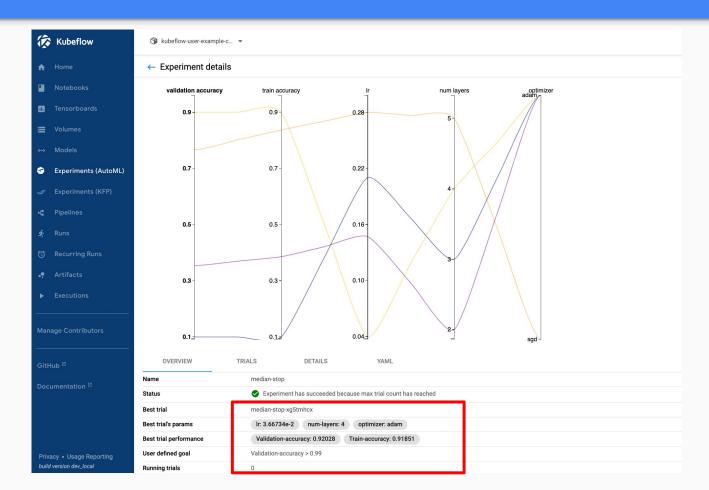
# Step5: Hyperparameter tuning with katib (2/4)



### Step5: Hyperparameter tuning with katib (3/4)

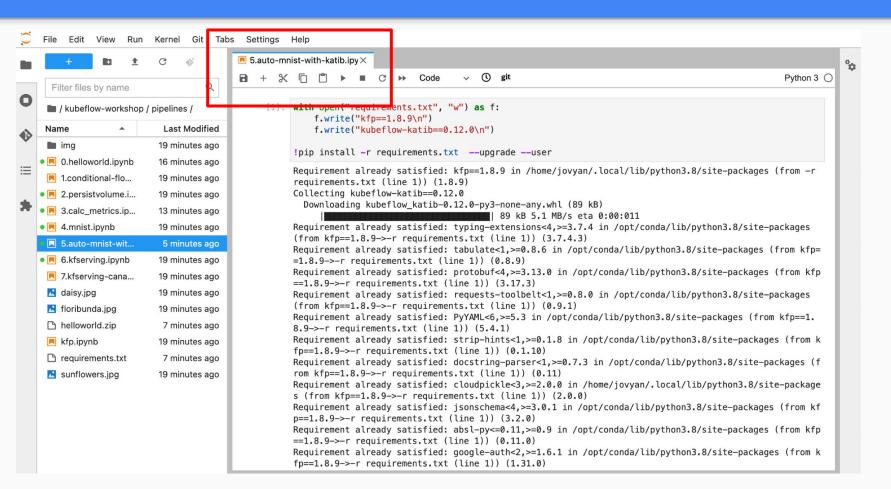


# Step5: Hyperparameter tuning with katib (4/4)

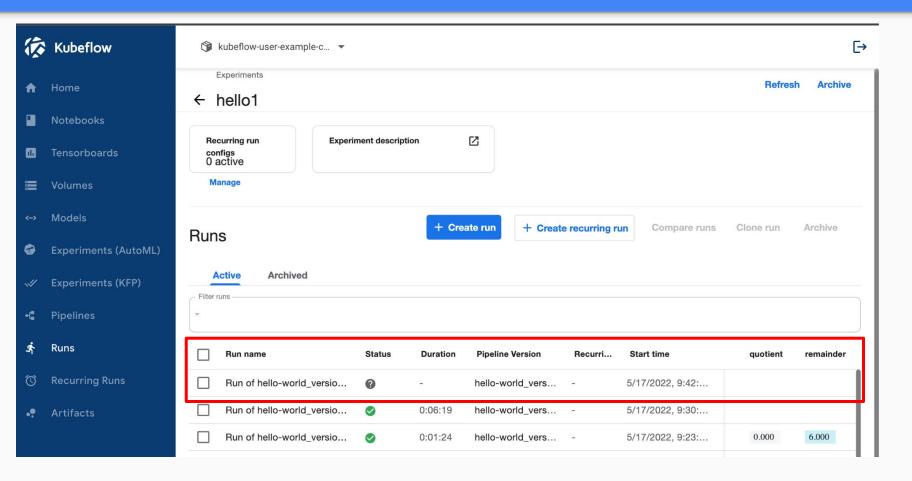


# Kserve Example

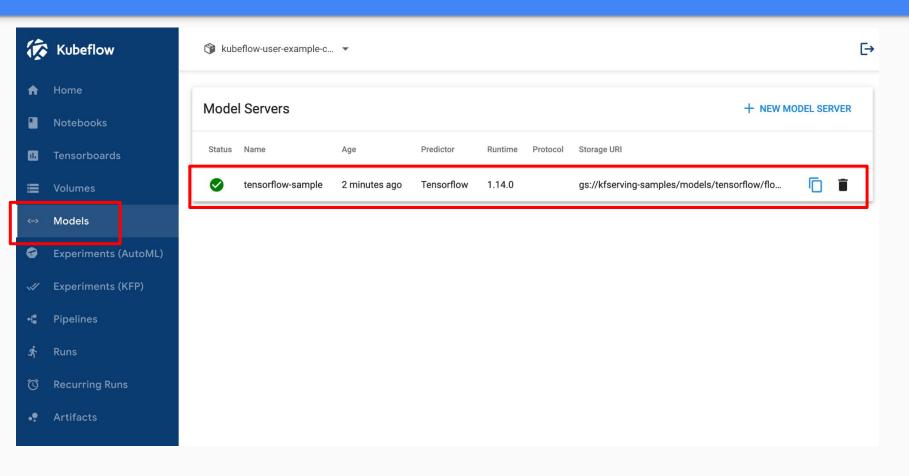
#### Step6: Serving model with Kserve (1/4)



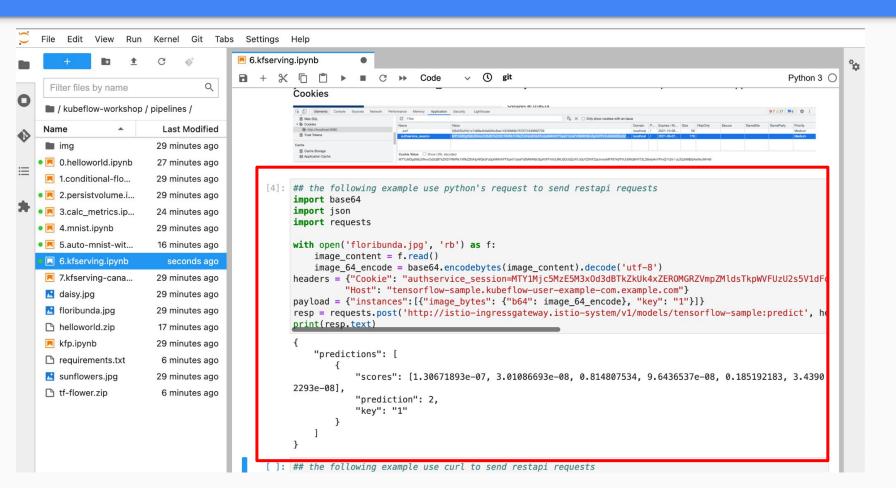
## Step6: Serving model with Kserve (2/4)



# Step6: Serving model with Kserve (3/4)



#### Step6: Serving model with Kserve (4/4)



Quote: The best teachers are those who show you where to look, but don't tell you what to see.

