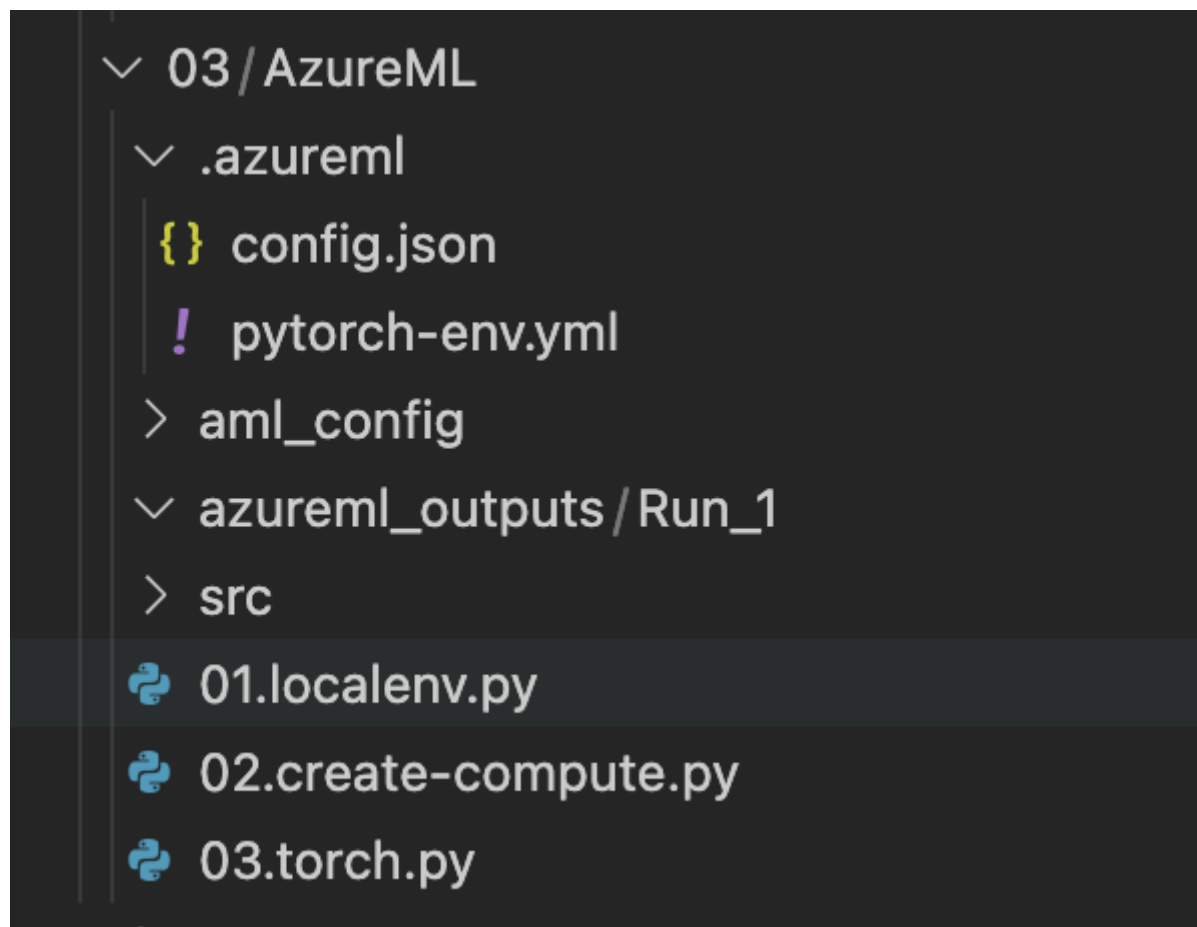


AzureML 的进阶

如果你之前没有配置好本地环境，建议自己动手设置，当然你可以把这个运行环境专程 Notebook 放在 Azure ML Workspace 上运行

1. 用 Visual Studio Code 打开 code/03/ 下的 Azure ML 文件夹



2. 打开 01.localenv.py 文件

这个文件是在本地创建 Azure ML 上的 Workspace，这里你可以在你的 Azure 门户上找到相应的 subscription ID 以及相关的 resource group 等，请根据实际情况自行填写

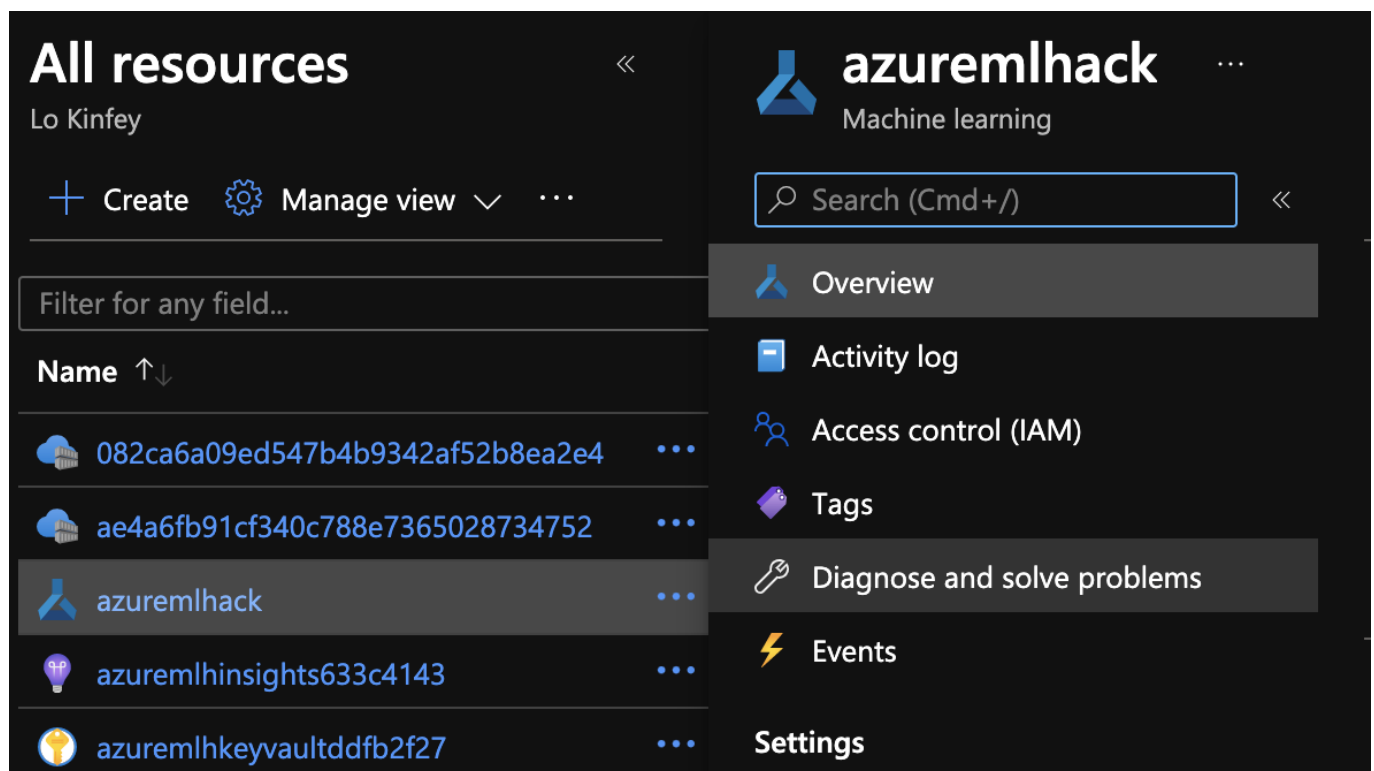
```
from azureml.core import Workspace

ws = Workspace.create(name='', # provide a name for your workspace
                     subscription_id='', # provide your subscription ID
                     resource_group='', # provide a resource group name
                     create_resource_group=True,
                     location='') # For example: 'westeurope' or 'eastus2' or

# write out the workspace details to a configuration file: .azureml/config.json
ws.write_config(path='.azureml')

Run Cell | Run Above | Debug Cell
```

创建成功，你可以在你 Azure 门户上，看到你新创建的 Azure ML WorkSpace




3. 依次执行02，03 文件，你可以发现，Azure ML 可以帮你解决一之前想到的 AI/ML 的问题

通过运行，点击Azure ML WorkSpace 你可以看到很多对应的运行信息，包括 Pipeline，Model 等。

Recent resources

Runs Compute Models Datasets

Display name	Experiment	Status	Submitted time	Submitte...	Run type
sweet_ring_2898ywhf	day2-experiment...	 Running	Feb 19, 2022 11:...	Lo Kinfe...	Script

Author Refresh Connect to compute Resubmit Cancel Delete Download all Enable log streaming Word wrap

Details Metrics Images Child runs **Outputs + logs** Snapshot Explanations (preview) Fairness (preview) Monitoring (preview)

Assets

Datasets

Experiments

Pipelines

Models

Endpoints

Manage

Compute

Environments

Datastores

Data Labeling

Linked Services

azureml-logs

20_image_build_log.txt

```
516 2022/02/19 03:39:37 Successfully populated digests for step ID: acb_step_0
517 2022/02/19 03:39:37 Step ID: acb_step_1 marked as successful (elapsed time in seconds: 143.591931)
518 2022/02/19 03:39:37 Step ID: acb_step_2 marked as successful (elapsed time in seconds: 1.265908)
519 2022/02/19 03:39:37 The following dependencies were found:
520 2022/02/19 03:39:37
521 - image:
522   registry: 082ca6a09ed547b4b9342af52b8ea2e4.azurecr.io
523   repository: azureml/azureml_bedd0ceb2f8cf4aa10f3d4cf96f78ef8
524   tag: latest
525   digest: sha256:fd1ea02aa2c7c253aa5a23e5e0ae6b7d07cce3c0fd730b2513c5f7688f4dd8de
526 runtime-dependency:
527   registry: mcr.microsoft.com
528   repository: azureml/openmpi3.1.2-ubuntu18.04
529   tag: 20220113.v1
530   digest: sha256:024c1f016bc4fe902601239d41f526ea987816ba25b524c22c4cb3cdd8db6ebf
531   git: {}
532 - image:
533   registry: 082ca6a09ed547b4b9342af52b8ea2e4.azurecr.io
534   repository: azureml/azureml_bedd0ceb2f8cf4aa10f3d4cf96f78ef8
535   tag: "1"
536   digest: sha256:fd1ea02aa2c7c253aa5a23e5e0ae6b7d07cce3c0fd730b2513c5f7688f4dd8de
537 runtime-dependency:
538   registry: mcr.microsoft.com
539   repository: azureml/openmpi3.1.2-ubuntu18.04
540   tag: 20220113.v1
541   digest: sha256:024c1f016bc4fe902601239d41f526ea987816ba25b524c22c4cb3cdd8db6ebf
542   git: {}
543
544 Run ID: ck1 was successful after 4m11s
545
546
```