

Summary about using EASY DL



● Prepare and upload the training set

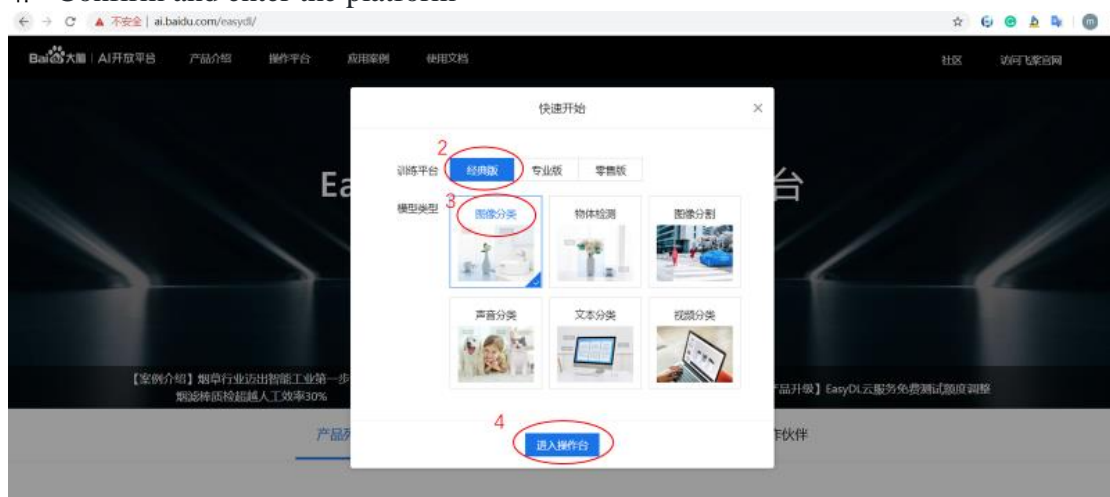
If you never use the EASY DL, you need register an account at first.

EASY DL(<https://ai.baidu.com/easydl/>)

1. Click to the button “begin”

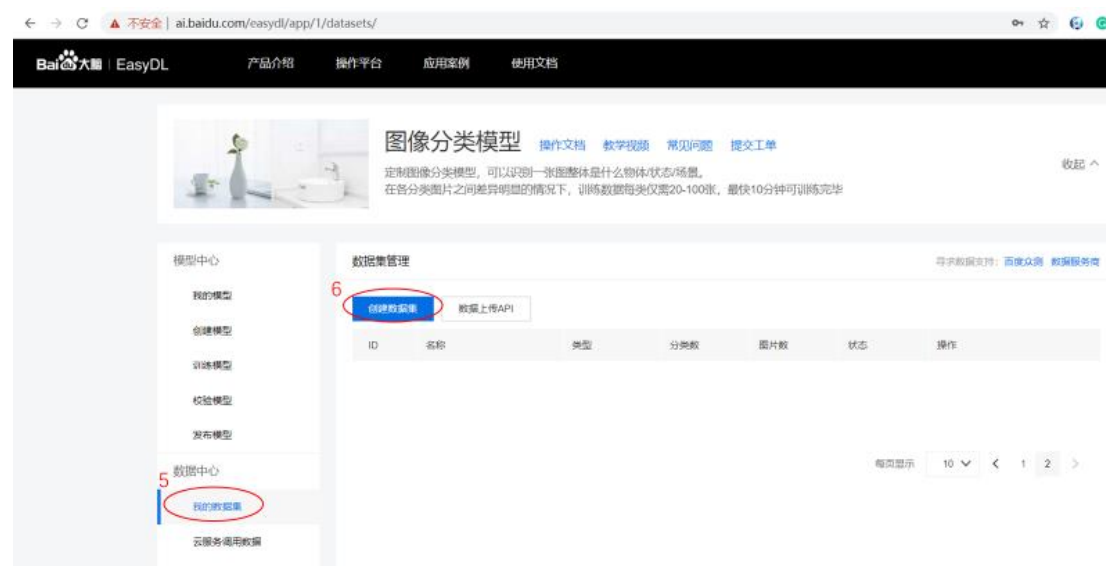


2. Training platform: Choose “classic version”
3. Model type: choose “image classification”
4. Confirm and enter the platform



5. Database: choose “my database”

6. Management of database: choose “building new database”

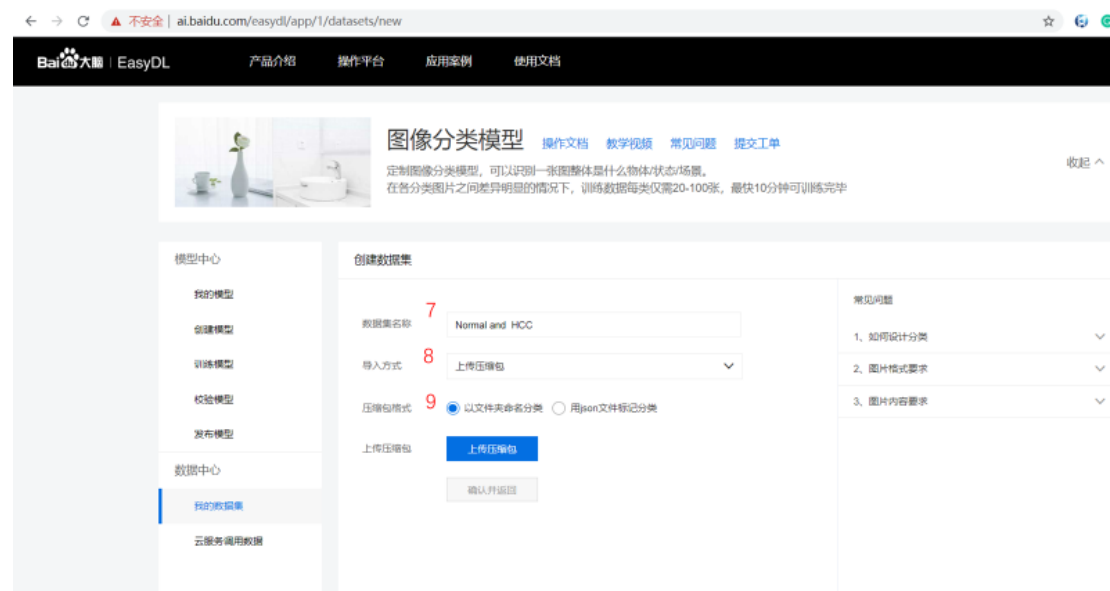


7. Database name: for example, “normal and HCC”

8. Upload method: upload all images using “zip” or “one-by-one image”.

Note: The former one is recommended for more than 1000 images.

9. Label for subgroup: “using file name directly” or “json”.



10. Check the number of images (total number)

If you want to check each subgroup number and each class, click the “details”.

图像分类模型 操作文档 教学视频 常见问题 提交工单

定制图像分类模型，可以识别一张图整体是什么物体/状态/场景。
在各分类图片之间差异明显的情况下，训练数据每类仅需20-100张，最快10分钟可训练完毕

收起 ^

模型中心

- 我的模型
- 创建模型
- 训练模型
- 校验模型
- 发布模型

数据中心

- 我的数据集
- 云服务器调用数据

数据集管理

创建数据集 数据上传API

ID	名称	类型	分类数	图片数	状态	操作
25384	Normal and HCC	图像分类	2	54192	正常	查看 上传 删除 共享

每页显示 10 < 1 2 >

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数据集管理 > Normal and HCC

No.	名称	图片数	操作
1	Normal	12614	查看 扩充 删除
2	HCC	41578	查看 扩充 删除

当前数据集已成功上传10348张图片，共计2个分类

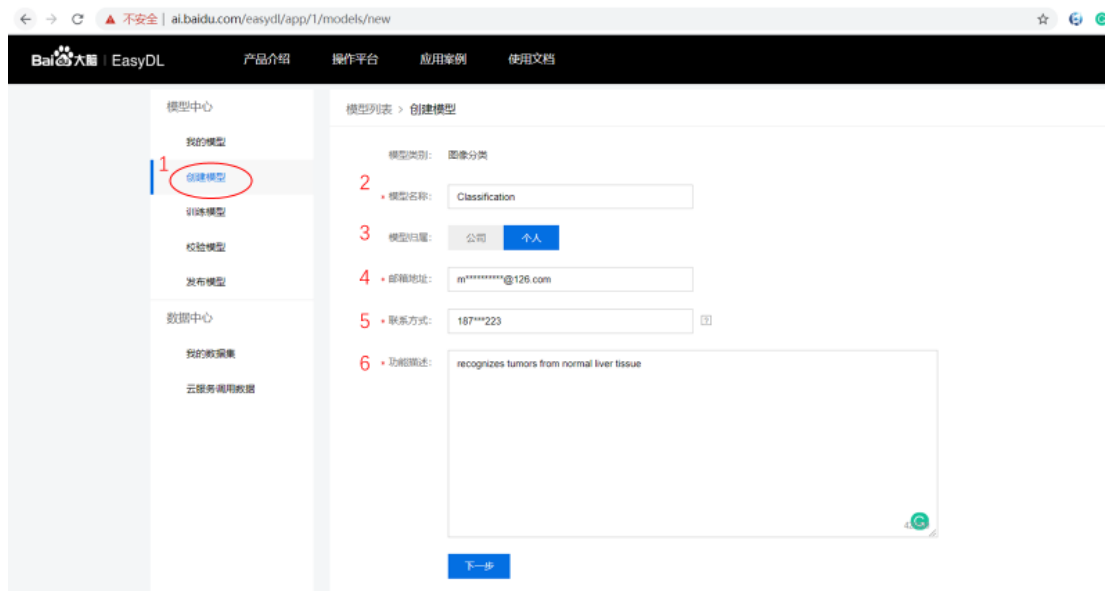
每页显示 10 < 1 >

● Training deep-learning model

1. Building new model

Basic information

2. Model name: for example, "Classification"
3. Model belongs to "company" or "private"
4. Email
5. Telephone
6. Function description

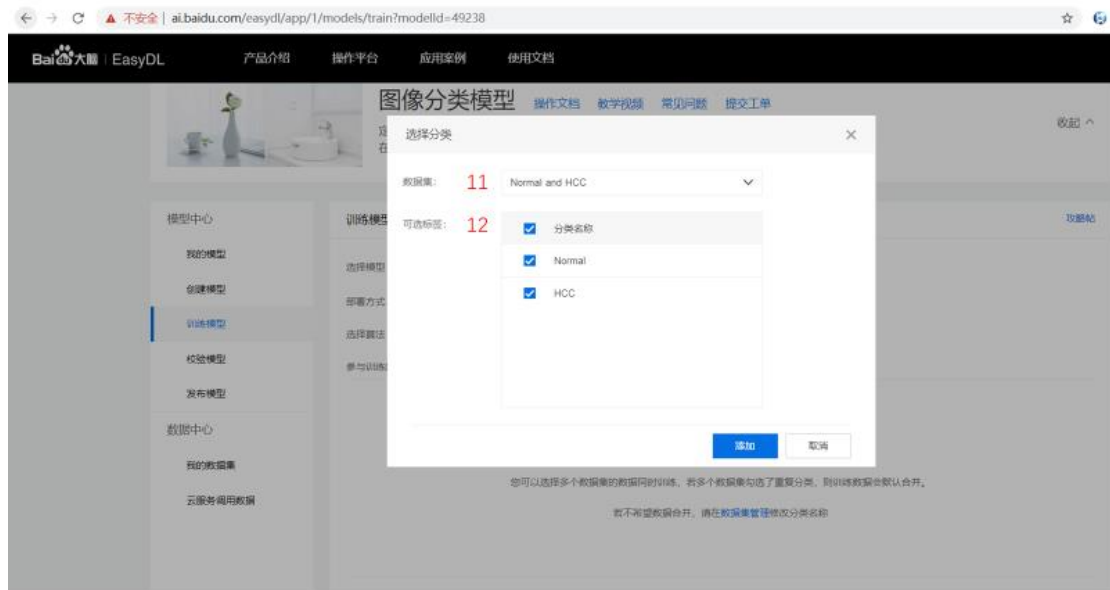


7. Training model

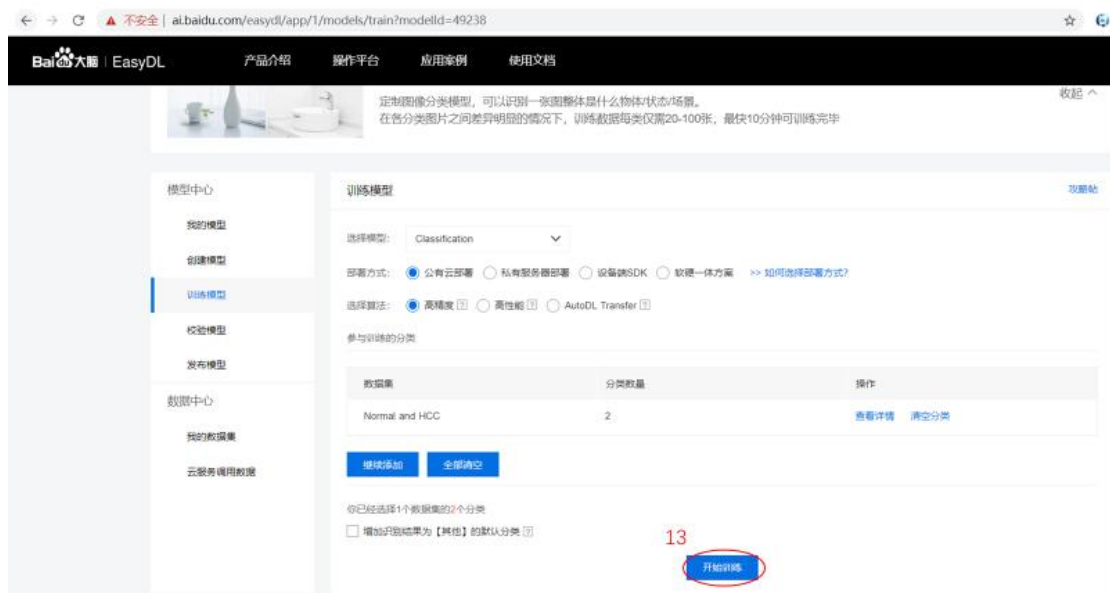
8. Publish way: Public iClouds, Private iClouds, PC/iPhone, Other
9. Algorithm: there are three types, please choose "Auto DL Transfer"
10. Add database



11. Choose database for training: For example, Normal and HCC (details summarized in 4.1)
12. Choose the group in the related database.



13. Confirm and begin to training. Different models need different time for build. You didn't need to wait the page. When training model finished, the system would note you by message. Therefore, you should make sure that the telephone number is available in the basic information.



● Test/validate the model

1. Test the deep-learning model
2. Evaluation reports: include F1-score, Precision, Accuracy, and Recall rate, False Positive Rate, True Positive Rate.
3. Upload image
4. The Prediction result: probability, 95%IC

