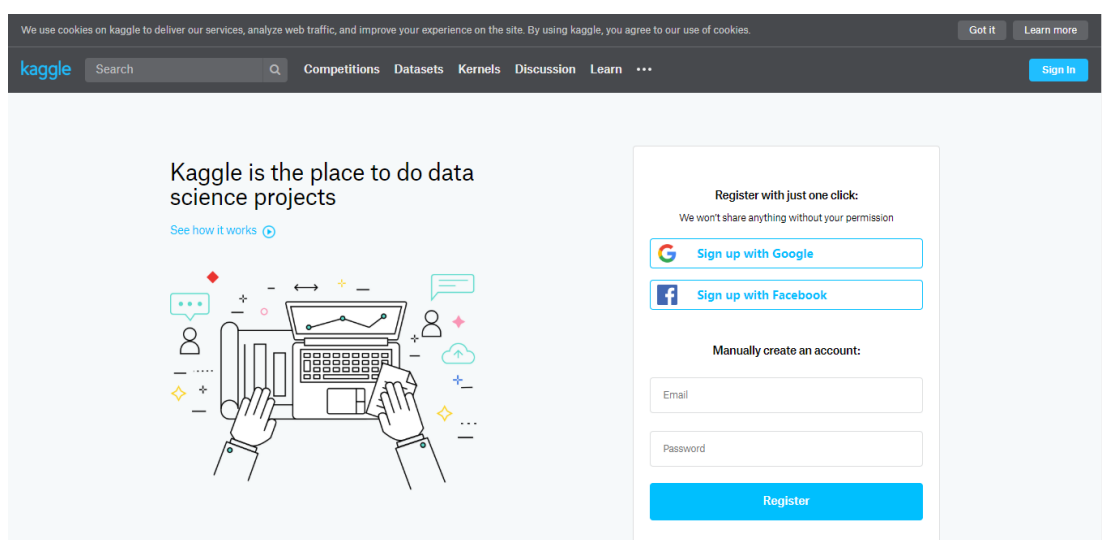


# Kaggle 比赛报名入门指导教程

本教程为 Kaggle 比赛入门指导教程，旨在结合吴恩达深度学习课程内容帮助从未接触过 kaggle 竞赛的同学们快速入门，少走弯路。

首先说明如何在 Kaggle 上注册自己的账号。

第一步，打开 Kaggle 官网：<https://www.kaggle.com/>。页面如下图所示：

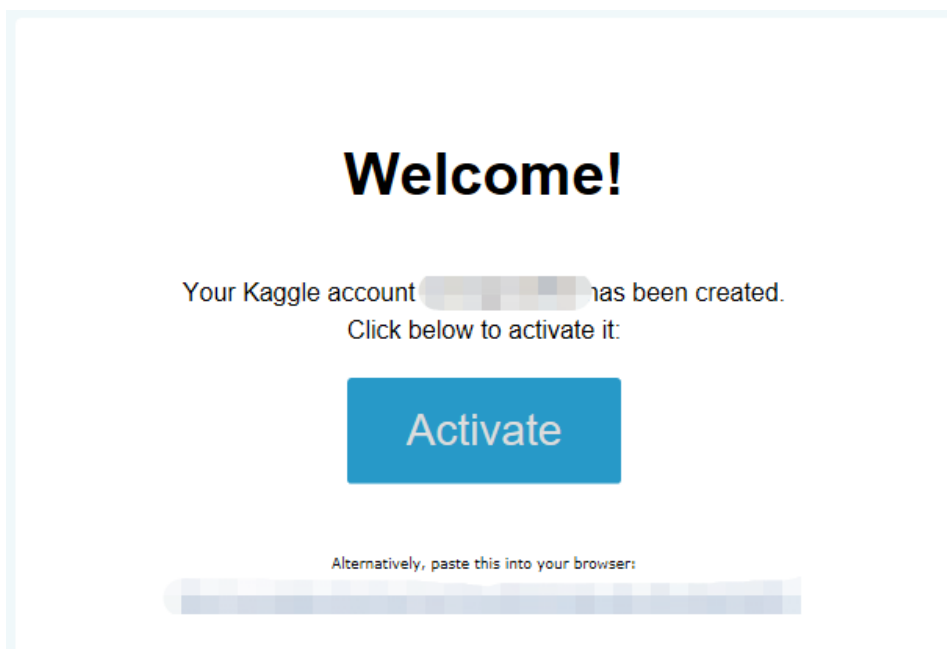


第二步：单击页面中右下角的蓝色框 **Register**，使用邮箱注册一个账号。

### Create an Account With Your Email Address

Username	<input type="text" value="Used for sign-in and your profile URL"/>
Choose wisely! Your username cannot be modified once registered. Your profile URL will be kaggle.com/	
Display Name	<input type="text" value="John Doe"/>
Shown on your public profile, leaderboards, etc. Full name recommended.	
Email Address	<input type="text" value="Email Address"/>
Confirm Email	<input type="text" value="Re-enter Email Address"/>
Password	<input type="text" value="Minimum 7 Chars"/>
Confirm Password	<input type="text" value="Re-enter Password"/>
<input type="checkbox"/> Email me news and updates. You can opt-out at any time.	
<input type="button" value="Get Started"/>	

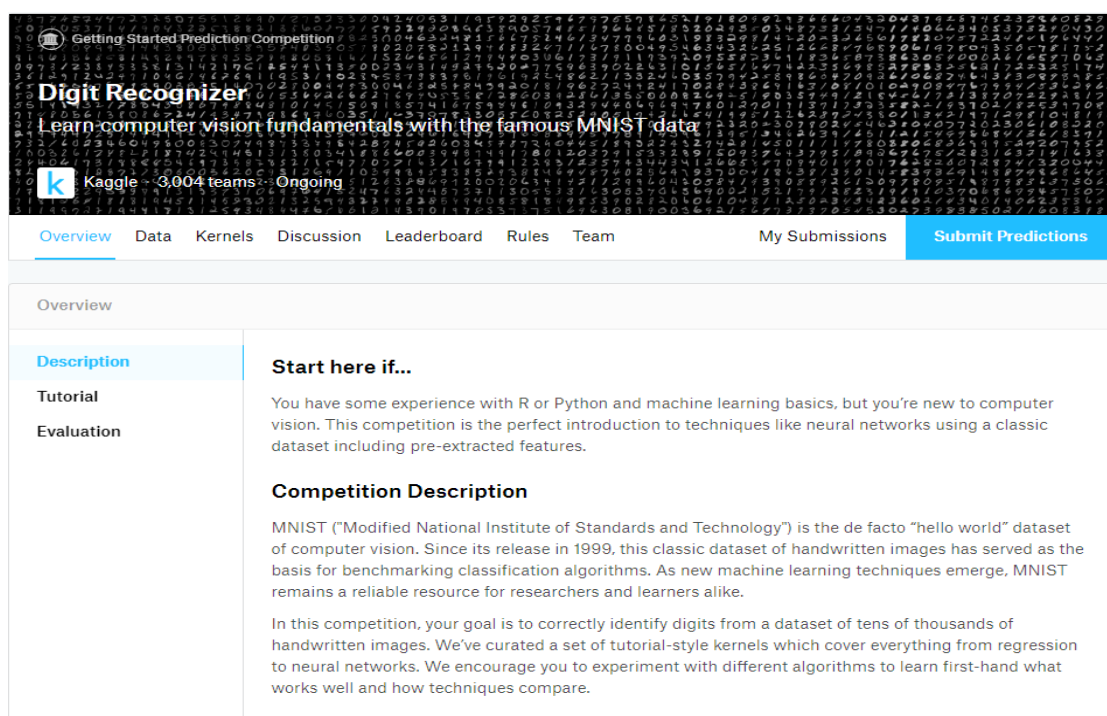
第三步：打开自己的邮箱，找到 Kaggle 的邮件，激活账号。



现在，我们已经有了一个 Kaggle 账号了，我们可以在他的网站首页登陆自己的账号。单击右上角的蓝色框 Sign in，用刚才的账号登

陆一下。

接下来引导大家参加一场比赛。以数字手写识别比赛为例，首先在左上角的搜索框中输入 **digit recognizer**，然后点击第一个选项，即可进入比赛页面。



Getting Started Prediction Competition

## Digit Recognizer

Learn computer vision fundamentals with the famous MNIST data

Kaggle 3,004 teams Ongoing

[Overview](#) [Data](#) [Kernels](#) [Discussion](#) [Leaderboard](#) [Rules](#) [Team](#) [My Submissions](#) [Submit Predictions](#)

### Overview

Description	Start here if...
Tutorial	<p>You have some experience with R or Python and machine learning basics, but you're new to computer vision. This competition is the perfect introduction to techniques like neural networks using a classic dataset including pre-extracted features.</p> <p><b>Competition Description</b></p> <p>MNIST ("Modified National Institute of Standards and Technology") is the de facto "hello world" dataset of computer vision. Since its release in 1999, this classic dataset of handwritten images has served as the basis for benchmarking classification algorithms. As new machine learning techniques emerge, MNIST remains a reliable resource for researchers and learners alike.</p> <p>In this competition, your goal is to correctly identify digits from a dataset of tens of thousands of handwritten images. We've curated a set of tutorial-style kernels which cover everything from regression to neural networks. We encourage you to experiment with different algorithms to learn first-hand what works well and how techniques compare.</p>
Evaluation	

在 Overview 页面当中，大家可以看到一些竞赛的介绍。大家可以在 Data 页面中查看并下载竞赛的数据集。

[Overview](#)[Data](#)[Kernels](#)[Discussion](#)[Leaderboard](#)[Rules](#)[Team](#)[My Submissions](#)[Submit Predictions](#)

### Data Description

Visually, if we omit the "pixel" prefix, the pixels make up the image like this:

```
000 001 002 003 ... 026 027
028 029 030 031 ... 054 055
056 057 058 059 ... 082 083
|   |   |   |   ...   |   |
728 729 730 731 ... 754 755
756 757 758 759 ... 782 783
```

The test data set, (test.csv), is the same as the training set, except that it does not contain the "label" column.

Your submission file should be in the following format: For each of the 28000 images in the test set, output a single line containing the ImageId and the digit you predict. For example, if you predict that the first image is of a 3, the second image is of a 7, and the third image is of a 8, then your submission file would look like:

```
ImageId,Label
1,3
```

Data (15 MB)

APIkaggle competitions download -c digit-recognizer?Download All

**Data Sources**

sample_submission....	28.0k x 2
test.csv	28.0k x 784
train.csv	42.0k x 785

**About this file**

The file contains the test data, train data and a sample submission format.

**Columns**

- # ImageId datos
- # Label Predictions

在 Kernels 和 Discussion 中我们可以看到一些其他竞赛者发布的话题与讨论。

352 topicsFollow

Sort byHotness

AllMineUpvotedSearch topics

83

**Rolling Leaderboards**  
William Cukierski 6 years ago

last comment by Jack Goettle 1d ago

59

18

**New Submission Parser**  
William Cukierski 6 years ago

last comment by Gonzalo Astorga 24d ago

15

0

**Improving Performance Neural Network**  
Gustavo F. Silva 3 days ago

last comment by Gustavo F. Silva 2d ago

2

1

**CNN Kernel Score >99%**  
OmerS 2 days ago

last comment by OmerS 2d ago

0

0

**Improved kernel - 99.971 (top 10%)**  
Shay Guterman 2 days ago

last comment by Shay Guterman 2d ago

0

2

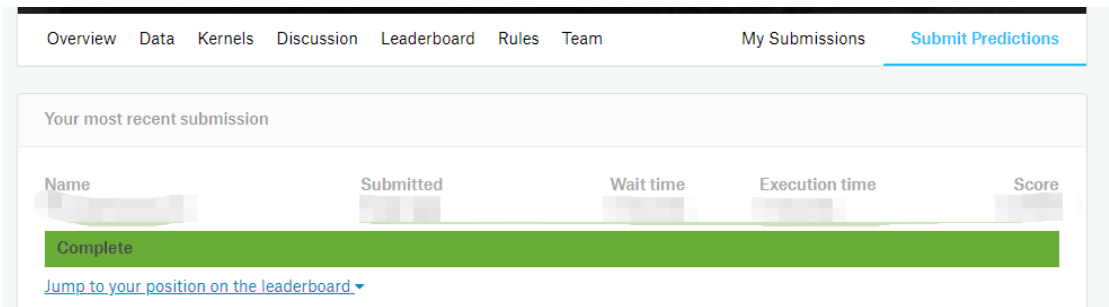
**PyTorch 1.0.1 on MNIST (Acc > 99.8%)**  
Tony 6 days ago

last comment by Tony 6d ago

0

等大家完成了竞赛的任务想要提交自己的结果时，点击右上方的

Submit Prediction，即可把自己的结果提交上去评分。



这就是 kaggle 比赛报名指导的全部内容了，祝大家取得好成绩！