

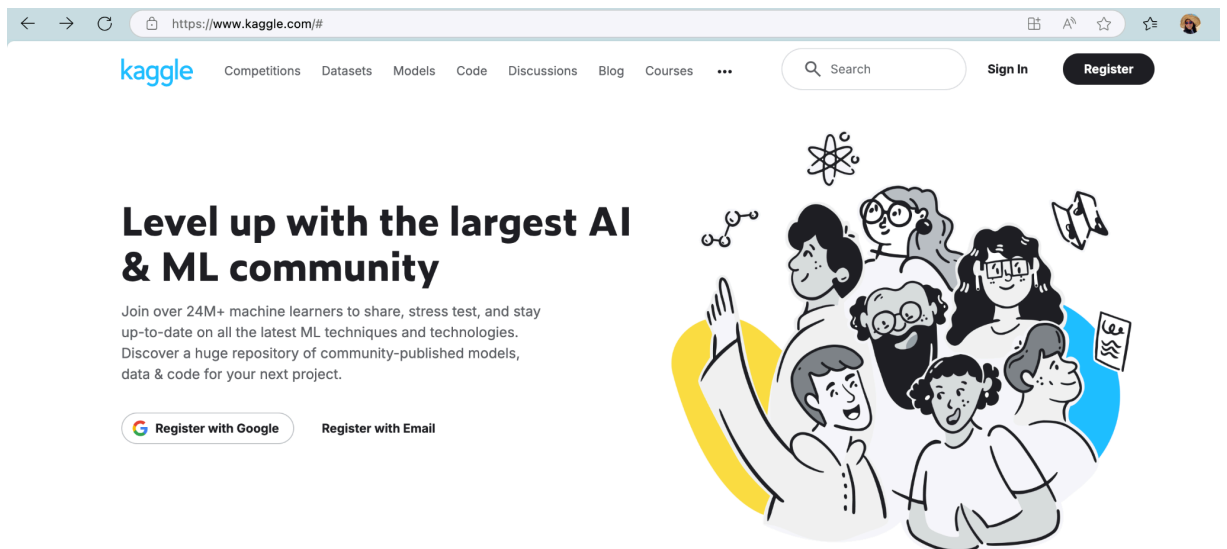
Introduction to Kaggle - Lab Sheet

Content:

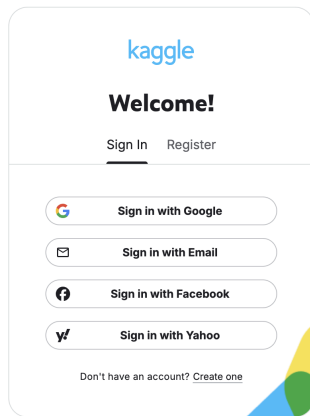
- What is Kaggle
- Getting start with Kaggle
- Kaggle Notebooks
- Participate competitions
- Host competition

Task 1: Create a kaggle account

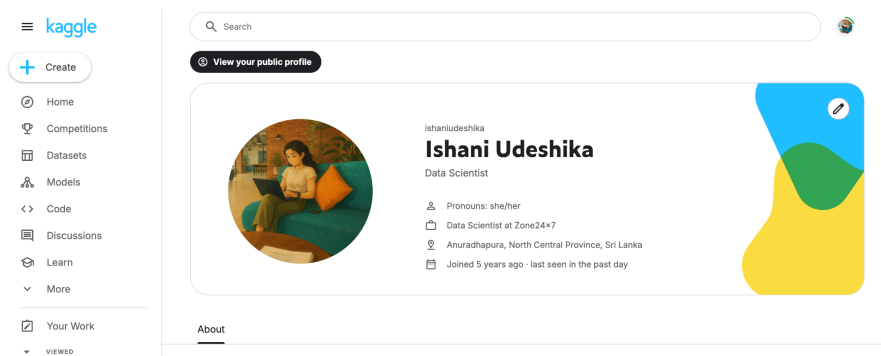
1. Go to <https://www.kaggle.com>



2. Sign up using your **Google account** or email



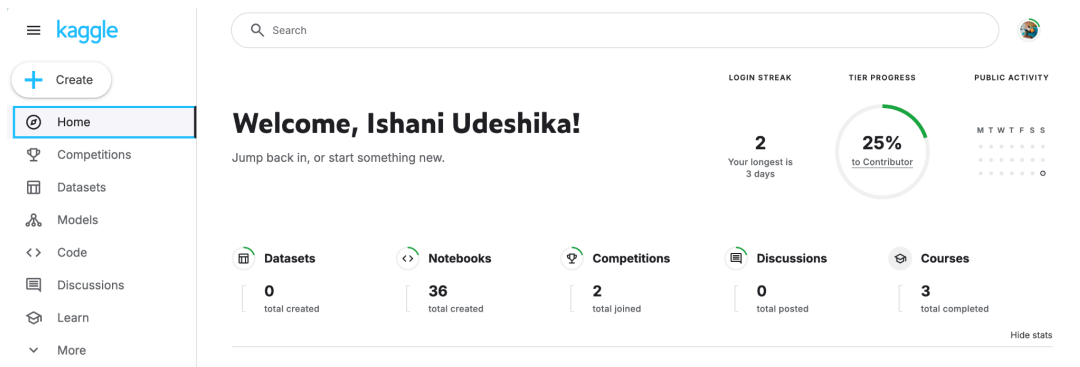
3. Set up your profile (name, bio, profile picture optional)



Task 2: Explore Kaggle Interface

Navigate and take screenshots of:

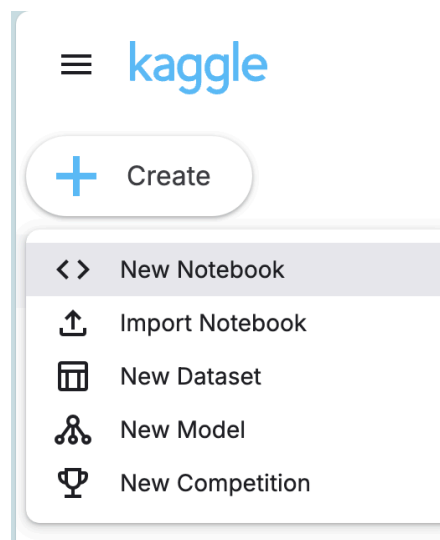
- Competitions tab
- Datasets tab
- Code (Notebooks) tab
- Learn tab
- Discussion tab



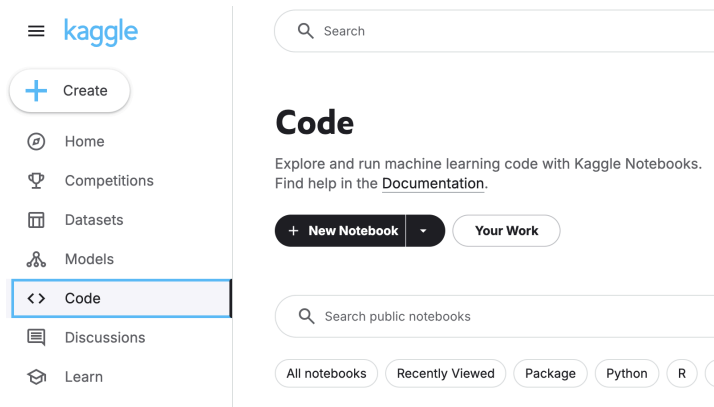
Task 3: Kaggle Notebooks

Create your first notebook

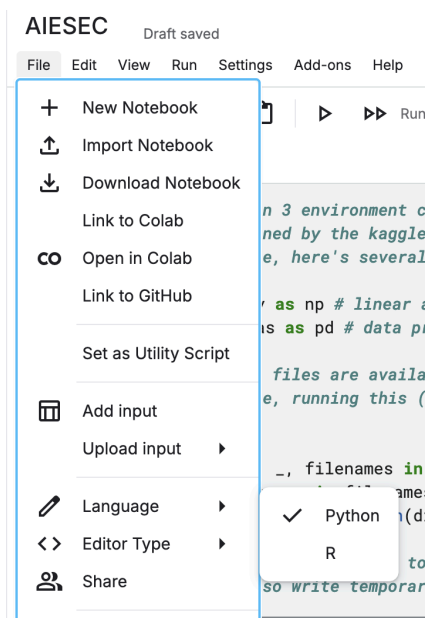
1. Option 1: Click on “Create” > “Notebook”



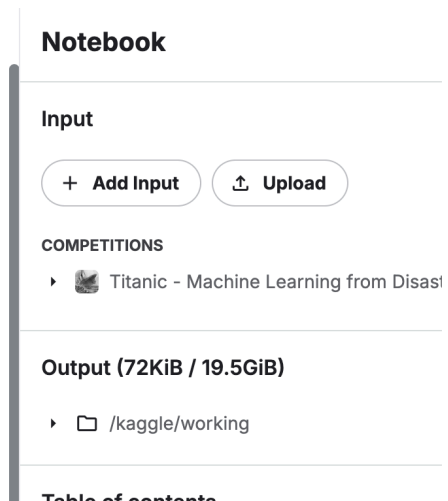
2. Option 2: Click on “Code” > “New Notebook”



3. Choose Python as the language



4. In the right panel, Add Data → Search and add: Titanic - Machine Learning from Disaster



5. Use following starter code:

```
[1]: import pandas as pd
```

```
[3]: df = pd.read_csv("/kaggle/input/titanic/train.csv")
```

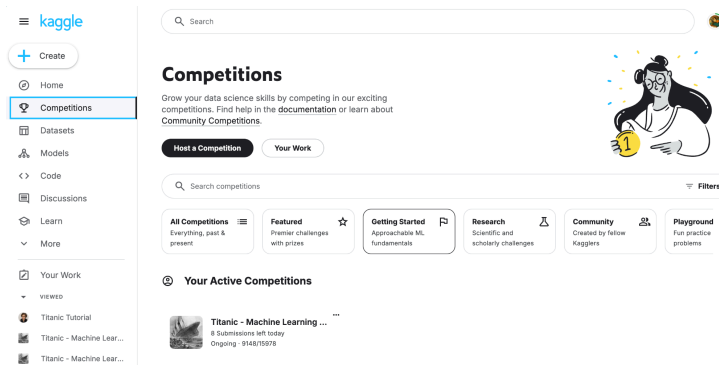
+ Code + Markdown

6. Basic Titanic EDA

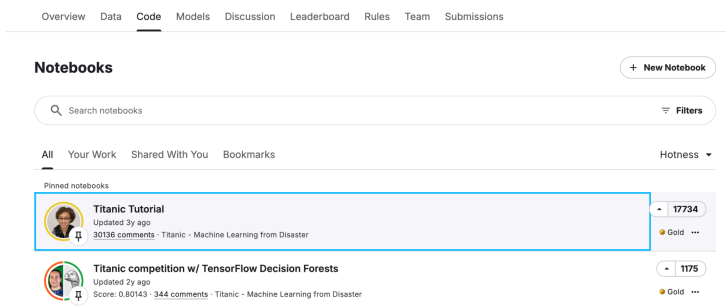
```
df.head()
df.info()
df.isnull().sum()
df.describe()
df['Survived'].value_counts(normalize=True)
df['Sex'].value_counts()
```

Task 4: Explore an Existing Notebook

1. Go to a competition ([e.g., Titanic - ML from Disaster](#))



2. Open a high-voted notebook



Task 5: Join a Competition

Navigate to the **Titanic Competition**

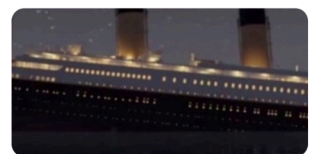
Click “Join Competition”



Submit Prediction

Titanic - Machine Learning from Disaster

Start here! Predict survival on the Titanic and get familiar with ML basics



Task 6: Submit a Prediction

1. Train a simple model or use a sample submission.
2. Upload .csv file for submission

Submit to Competition

File Upload
Notebook

Titanic - Machine Learning from Disaster
You have 10 submissions remaining today. This resets in 19 hours.

Drag and drop file to upload
(e.g., .csv, .zip, .gz, .7z)

or

Browse Files

Your submission should be a CSV file with 418 rows and a header. You can upload a zip/gz/7z archive.

SUBMISSION DESCRIPTION
Enter a description

0 / 500

SUBMIT USING THE KAGGLE API

```
> kaggle competitions submit -c titanic -f submission.csv -m "Mes..."
```

3. View your name on the Leaderboard

9145	Kongjun Ye		0.77511	1
9146	Ishani Udeshika		0.77511	2
Your Best Entry! Your submission scored 0.76794, which is not an improvement of your previous score. Keep trying!				
9147	Sijun Liu		0.77511	1

Task 7: Host a Competition(Understand the Process)

1. Dvdf

Create

Home

Competitions

Datasets

Models




Competitions

Grow your data science skills by competing in our exciting competitions. Find help in the [documentation](#) or learn about [Community Competitions](#).


Host a Competition


Your Work


2. Kaggle offers a range of offerings for competition hosts. Select the one that's right for your needs.


		
Community	Featured	Research
For educators, small businesses, or ML enthusiasts	For businesses or organizations with demanding ML problems	For Academic / Research Institutions or Non-Profits
No cost	Pricing varies	Grants available

3. Choose what kind of competition you want to create.


**Machine Learning Competition**
Use your own dataset to create a competition
Machine Learning Competition

**AI Generated Competition**
Quickly create an ML Prediction Competition based on a dataset generated by AI

**Clone a Competition You Hosted**
Re-run a competition you hosted previously

**Browse Cloneable Library**
Use a competition created by another Kaggle user as a template

4. Here you can give all the instructions and clear problem statements.



+

Create

Home

Competitions

Datasets

Models

Code

Discussions

Learn

More

Your Work

Search

testing

those who are can access.

Settings Overview Data Code Models Discussion Leaderboard Rules Team

2/10 Off to a great start! You've completed 2 of 10 tasks to launch your competition. Launch Checklist

Overview

This is the home page of the competition. In this section, you should aim to succinctly introduce the competition.

Competition Host

IshaniUdeshika

Prizes & Awards

Kudos Edit

