

Project 164

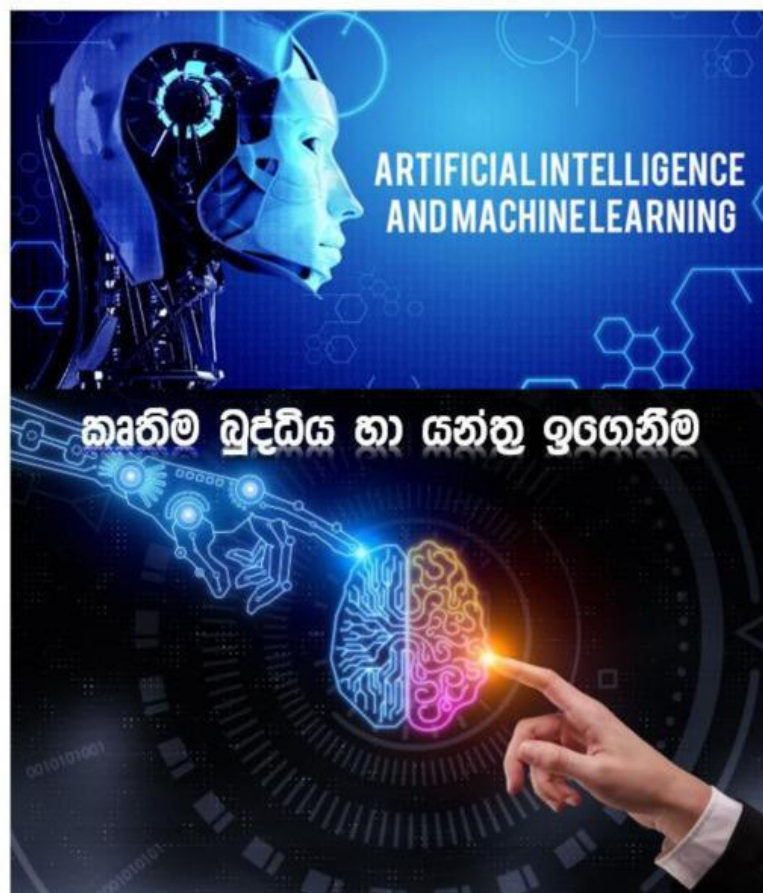
164 වන ව්‍යාපෘතිය



Coding School



AI and Machine Learning

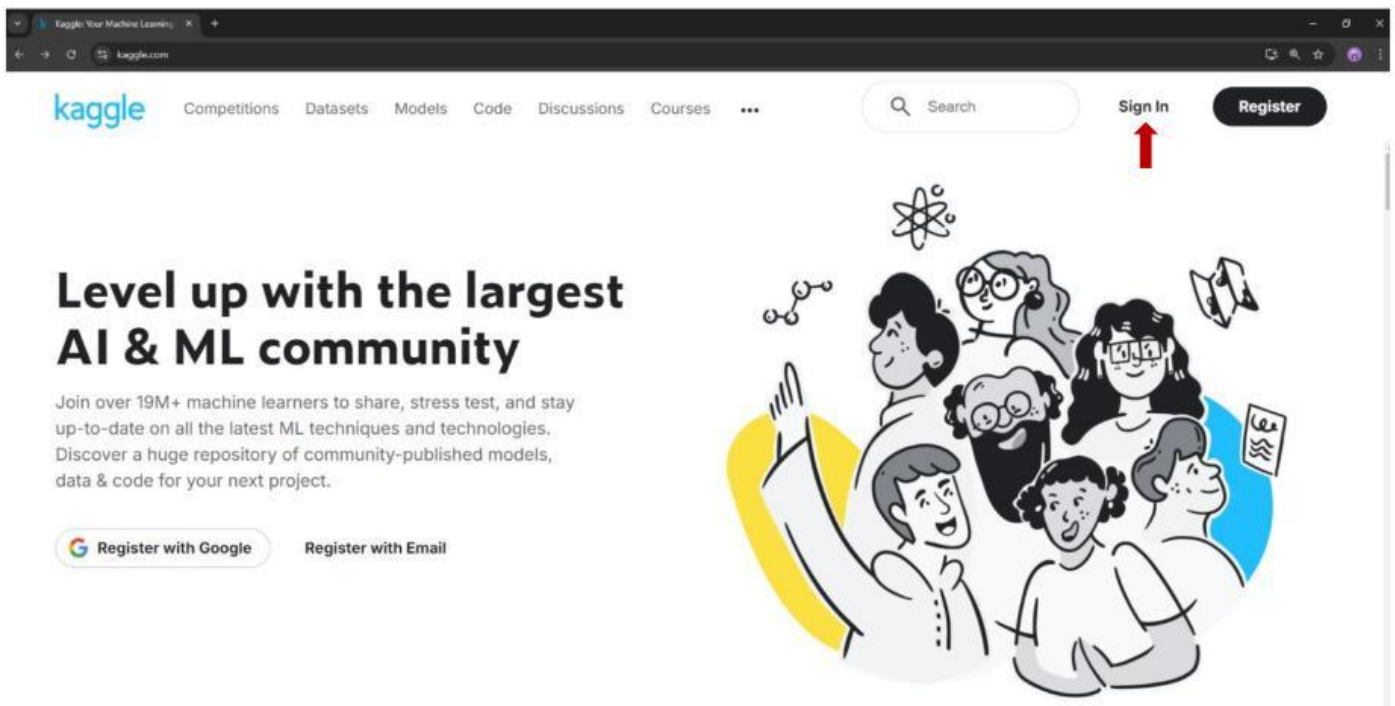


ආරම්භ කරන්න

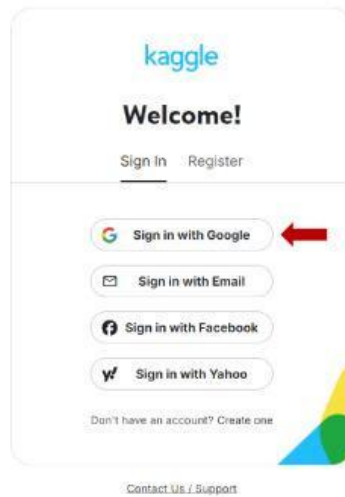
- ❖ මෙහිදී අපි Code.org වල ඇති AI and machine learning lab එක භාවිතා කර අපගේ dataset train කර එය භාවිතා කර mobile app එකක් නිර්මාණය කරන ආකාරය බලමු.
- ❖ මුලින් ම ඔබට අවශ්‍යතාව අනුව dataset එකක සොයා ගන්න.
- ❖ මෙහිදී dataset එකක් select කිරීම සඳහා kaggle website එක භාවිතා කරයි. එමඟින් dataset එකක් පහසුවෙන් හා free ලබා ගැනීමට හැකියාව ඇත. එම website එකෙහි link එක පහත ඇත.

<https://www.kaggle.com/>

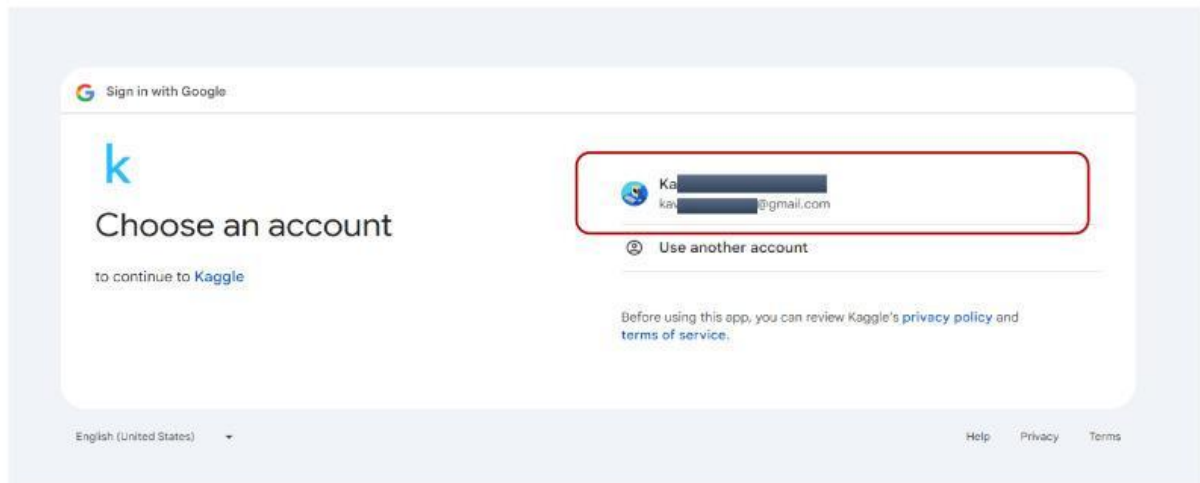
- ❖ මුලින් ම එම website එක සඳහා sing in විය යුතුය. ඒ සඳහා sing in button එක මත click කරන්න.



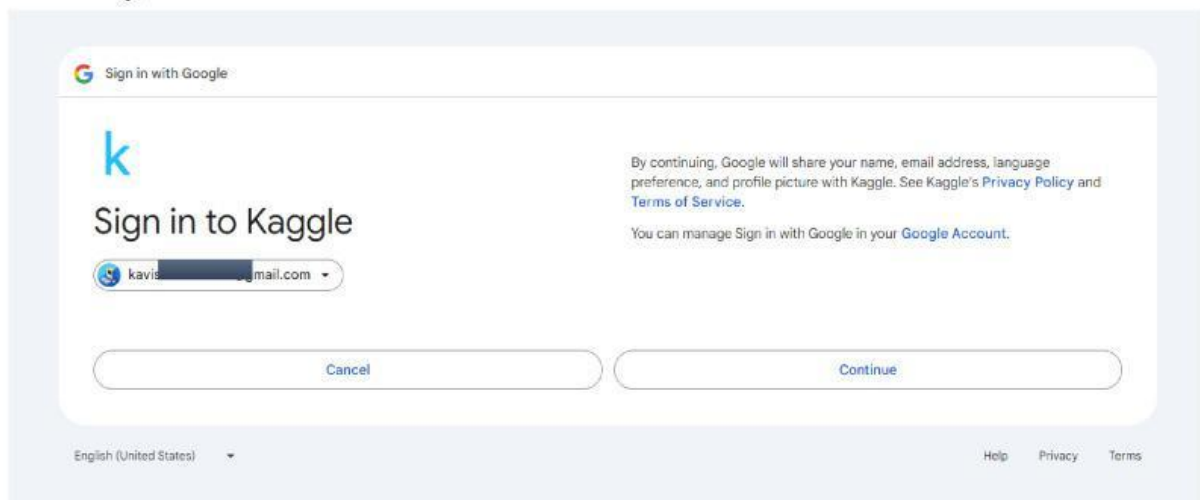
- ❖ එවිට පහත ආකාරයේ page එකක් load වේ. මෙහිදී අප Sing in with Google යනත් select කර kaggle website එකට sign in වේ.



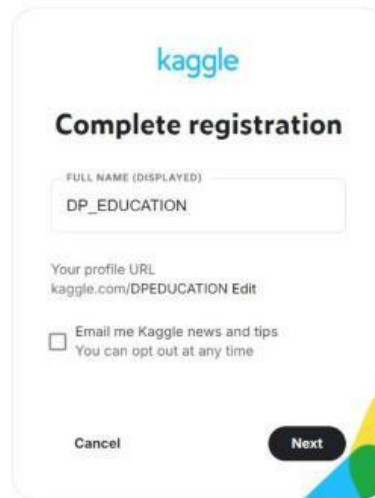
❖ දැන් ඔබගේ email එක select කර sign in වන්න.



❖ දැන් continue button එක මත click කරන්න.

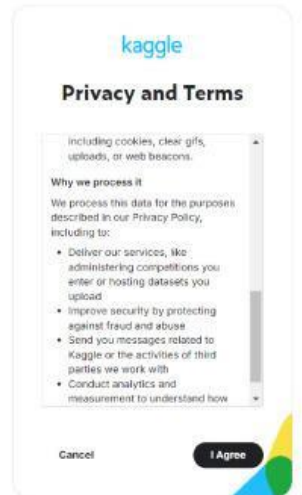


- ❖ දැන් ඔබගේ account එක සඳහා username එකක් ලබා දෙන්න.

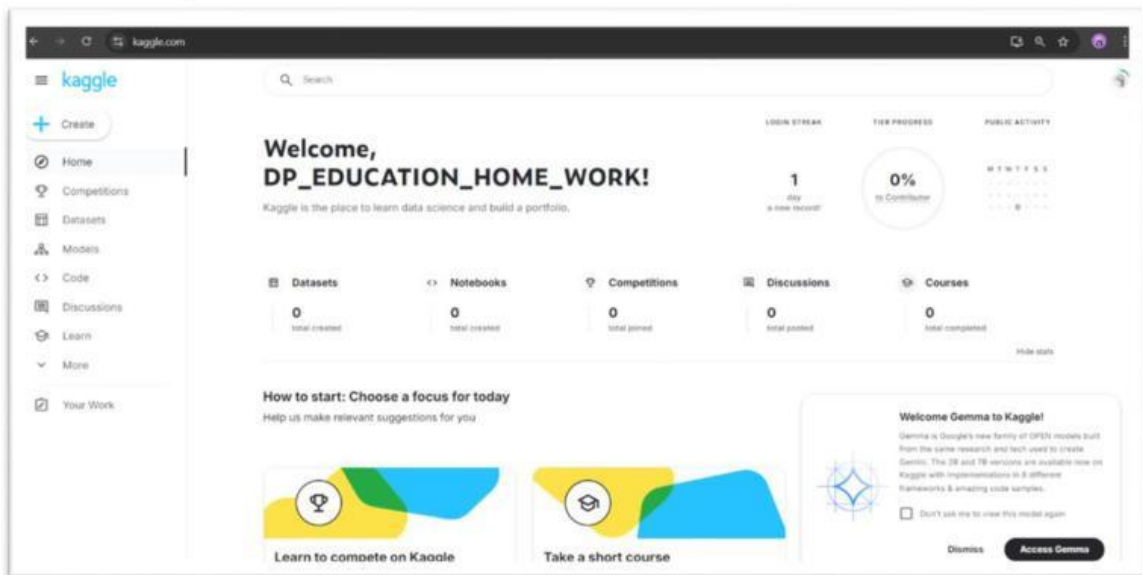


Kaggle Complete registration form. It includes a text input for 'FULL NAME (DISPLAYED)' with the value 'DP_EDUCATION'. Below it, the profile URL 'kaggle.com/DPEDUCATION' is shown with an 'Edit' link. There is a checkbox for 'Email me Kaggle news and tips' which is currently unchecked. At the bottom, there are 'Cancel' and 'Next' buttons.

- ❖ එම username එක unique username විය යුතුය. එනම් එම නමින් වෙනත් කෙනෙකුට username නොතිබිය යුතුය.
- ❖ දැන් I Agree button එක මත click කර ඔබගේ account එක සඳා නිම කර ගන්න.
- ❖ එවිට kaggle website එකේ ඔබ නිර්මාණය කළ account එක පහත ආකාරයට display වේ.



Kaggle Privacy and Terms dialog. It contains a scrollable area with text about data processing and a list of reasons for processing data. At the bottom, there are 'Cancel' and 'I Agree' buttons.



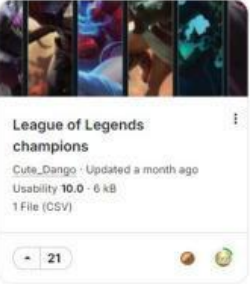
- ❖ දැන් ඔබට අවශ්‍ය dataset එක මෙම website එක හරහා ලබා ගත හැකිය.
- ❖ දැන් side bar එකේ ඇති Datasets tab එක මත click කරන්න.

❖ මෙහිදී ඔබට එක් එක් topic වලට ආදාල ව dataset ලබා ගත හැකිය.

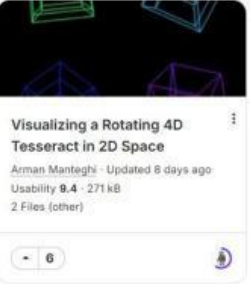
Games
See All



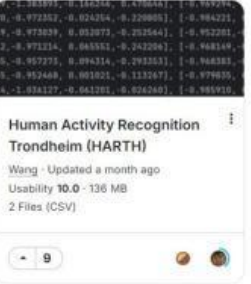
T20 World Cup 2024 Cricket Dataset
Muhammad Ehsan · Updated 12 days ago
Usability 10.0 · 2 kB
3 Files (CSV)



League of Legends champions
Cute_Dango · Updated a month ago
Usability 10.0 · 6 kB
1 File (CSV)



Visualizing a Rotating 4D Tesseract in 2D Space
Arman Manteghi · Updated 8 days ago
Usability 9.4 · 271 kB
2 Files (other)

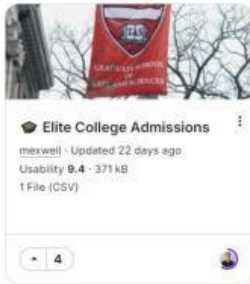


Human Activity Recognition Trondheim (HARTH)
Wang · Updated a month ago
Usability 10.0 · 136 MB
2 Files (CSV)

Education
See All



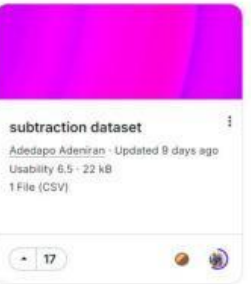
Computer Science Students Career Prediction
Rugved Patel · Updated a month ago
Usability 9.4 · 3 kB
1 File (CSV)



Elite College Admissions
mexwell · Updated 22 days ago
Usability 9.4 · 371 kB
1 File (CSV)



Talking Stage Training Data
Adedapo Adeniran · Updated 2 months ago
Usability 8.8 · 22 kB
1 File (CSV)



subtraction dataset
Adedapo Adeniran · Updated 9 days ago
Usability 6.5 · 22 kB
1 File (CSV)

News
See All



Forbes AI50 2024
Saeed Sarrafzadeh · Updated 11 days ago
Usability 8.8 · 2 kB
1 File (CSV)



BBC News Articles
Bhavik Jikadara · Updated 2 months ago
Usability 10.0 · 3 MB
1 File (CSV)



News Sentiment Analysis
Clovis Vieira · Updated a month ago
Usability 10.0 · 670 kB
1 File (CSV)



Facebook's Supreme Court
Joakim Arvidsson · Updated 2 months ago
Usability 10.0 · 74 kB
2 Files (CSV)

❖ ඉහත පරිදි එක් එක් topic වලට dataset ඇත. තවද see all මත click කළ විට එම topic එකට ආදාල ව තව dataset දැක ගත හැක. ඔබට අවශ්‍ය dataset එකක් මෙහිදී සොයා ගත හැකිය.

❖ තවද මෙහි ඇති search bar එක මගින් ඔබට අවශ්‍ය dataset එක සොයා ගත හැක.

❖ අප විසින් ශ්‍රී ලංකාවට ආදාල ඇති dataset මොනවා ද යන්න search කර බලමු.

❖ තවද ඔබට අවශ්‍ය topic එකට අනුව ද search කර ඔබට අවශ්‍ය dataset එකක් download කිරීමේ හැකියාව ඇත.

Datasets

[+ New Dataset](#)
[Your Work](#)

Filters

All datasets X
Computer Science
Education
Classification
Computer Vision
NLP
Data Visualization
Pre-Trained Model

151 Datasets
Hotness ▾

	Twitter Dataset: Sri Lanka Crisis Vishesh Thakur · Updated 2 years ago Usability 9.7 · 1 File (CSV) · 2 MB	35 Silver
	Sri Lanka Weather Dataset Ratul · Updated 4 months ago Usability 10.0 · 2 Files (CSV) · 10 MB	28 Bronze
	Sri Lanka vehicle number plates Rohan Kumara · Updated 2 years ago Usability 8.8 · 502 Files (other) · 21 MB	14 Bronze
	Destination Sri Lanka Kanchana1990 · Updated 4 months ago Usability 9.4 · 1 File (CSV) · 85 kB	24 Bronze
	Sri Lankan Rupee Rhythms: 13-Year Forex Dance Kanchana1990 · Updated 9 months ago Usability 10.0 · 1 File (CSV) · 225 kB	49 Bronze
	Economy of Sri Lanka Amritha R J · Updated 2 years ago Usability 9.4 · 1 File (CSV) · 3 kB	33 Bronze

❖ ඩෙංගු රෝගය සම්බන්ධව dataset එකක් train කර model එකක් සකස් කිරීමට අවශ්‍ය යැයි සිතමු. ඒ සඳහා මුලින් ම dataset එකක් සොයා ගත යුතුය.

Datasets

[+ New Dataset](#)
[Your Work](#)

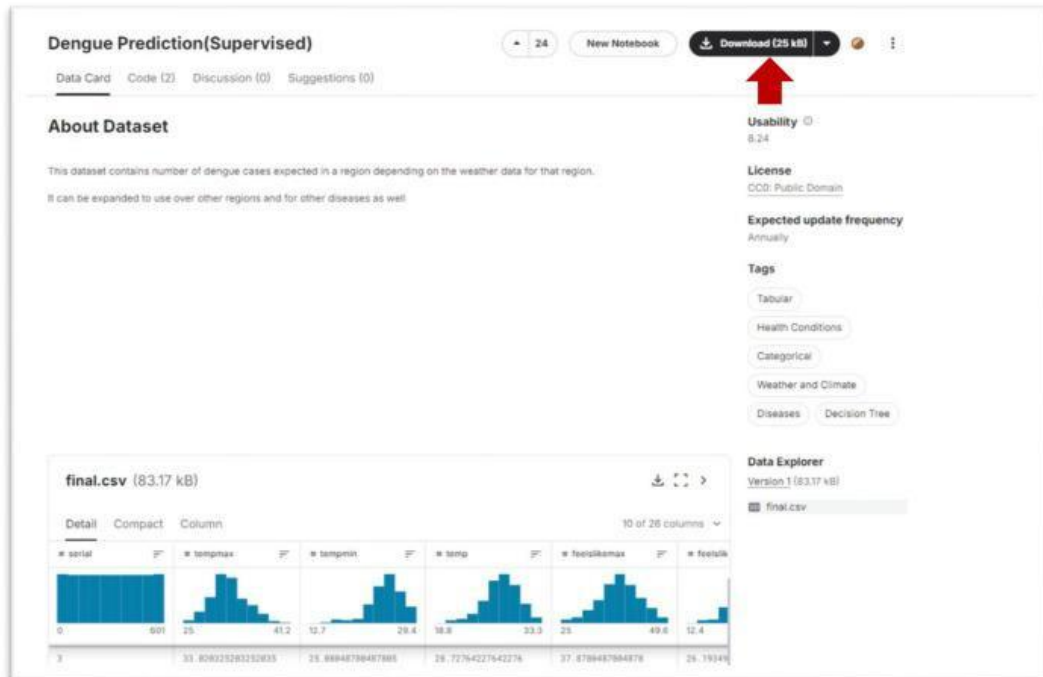
Filters

All datasets X
Computer Science
Education
Classification
Computer Vision
NLP
Data Visualization
Pre-Trained Model

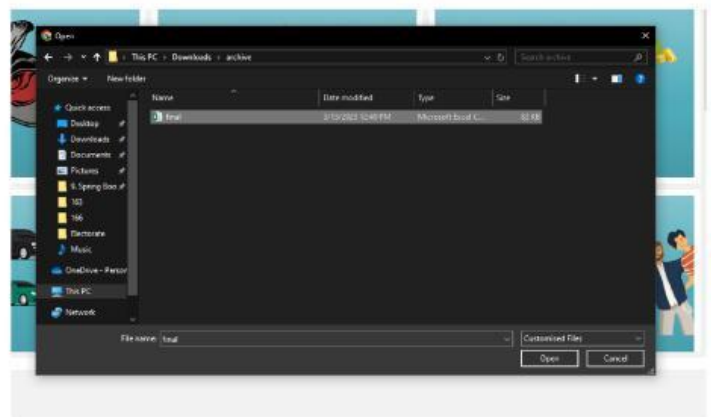
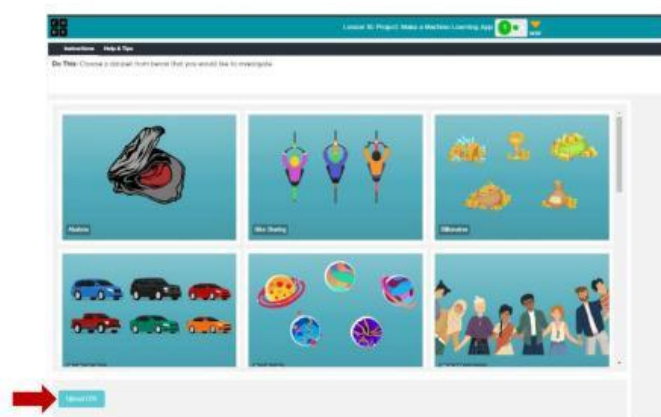
68 Datasets
Hotness ▾

	Philippines Dengue Cases 2016-2020 Jhon Vincent Gupit · Updated 2 years ago Usability 10.0 · 1 File (CSV) · 7 kB	45 Bronze
	Dengue Dataset of Bangladesh MD. Kamran Ahmad · Updated 9 months ago Usability 10.0 · 1 File (CSV) · 7 kB	24 ...
	Dengue Cases in the Philippines Francis Paul Flores · Updated 7 years ago Usability 8.2 · 1 File (CSV) · 15 kB	87 Bronze
	Dengue Prediction(Supervised) Siddhant · Updated a year ago Usability 8.2 · 1 File (CSV) · 25 kB	24 Bronze
	Dengue, Temperatura e Chuvas em Campinas-SP Renan Gomes · Updated 6 years ago Usability 8.8 · 1 File (CSV) · 3 kB	30 Bronze
	Dengue Fragments Frequency Tayyib · Updated 2 years ago Usability 9.4 · 1 File (CSV) · 11 MB	6 ...

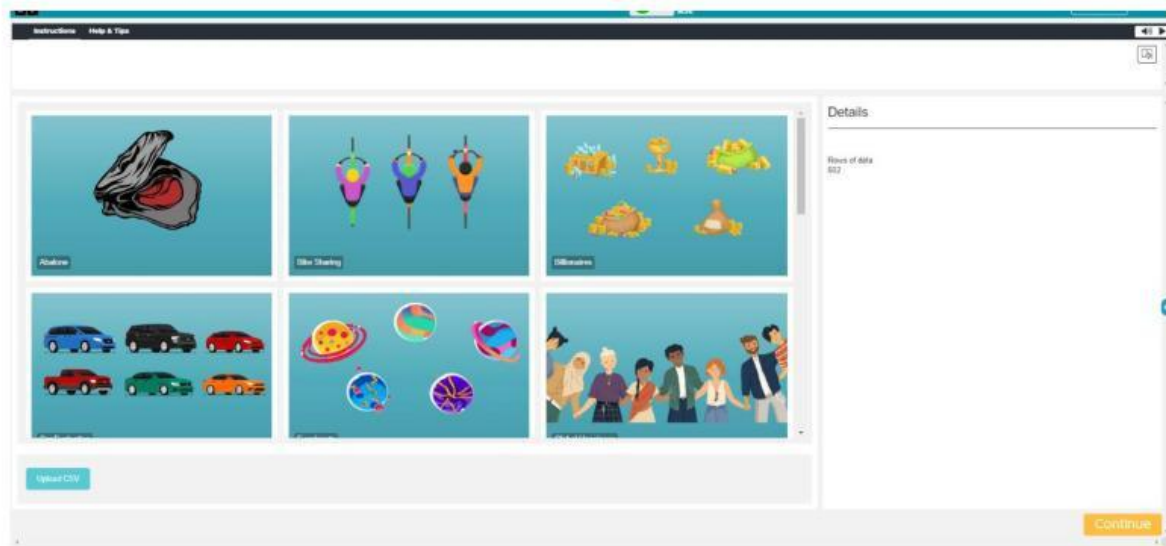
- ❖ එවිට kaggle website එකේ dengue සම්බන්ධ ව dataset 68 ක් display වේ.
- ❖ එම dataset අතරින් Dengue Prediction(Supervised) ලෙස ඇති dataset මත තොරා ගන්නවා. ඇත් එම label මත click කරන්න.



- ❖ ඇත් Download button එක මත click කර එම dataset එක download කර ගන්න.
- ❖ එවිට zip file එකක් download වේ. එම zip එක extract කර ගන්න.
- ❖ ඇත් AI and machine learning lab එකට ගොස් එම data set එක upload කර ගන්න.



❖ දැන් Continue button එක මත click කරන්න.



❖ එවිට අප download කරන ලද dataset පහත ආකාරයට AI and machine learning lab එකට import වී ඇත.

Choose a column you would like to use as your label. This is the output that AI Bot will try to predict.
Do This: Select a column to use as a label, then press the Continue button.

Predict based on

serial	tempmax	tempmin	temp	feewdmax	feewdmean	feewdstd	dew	humidty	windsd	winddir
0	54.852166664891114	24.47890218178902	25.7898591369543	38.75788218178902	26.21788218178902	32.388381368883014	22.871232578712328	73.58821817890219	3.8217282178728	44.887524246
1	34.08817891789021	25.69438894388943	25.484227442274423	41.338213821382138	28.148834883488348	34.423772377237726	21.454525452545254	72.36888888888888	3.7834148341483417	38.83738373
2	34.8738827388274	25.417881788178817	25.528828282828283	40.484227442274423	28.588148282828283	35.888388838883888	22.888487848784878	69.424382438243824	3.888388838883888	33.333333333
3	33.828232323232323	25.888487848784878	28.727842274422744	37.878487848784878	26.189489348934893	31.772387723877238	21.732323232323232	89.287388873888738	6.152323232323232	37.388373883
4	38.888878887888788	24.238884388884388	28.714786147861478	36.58888188888187	24.284148341483414	28.843882438882438	24.214834148341484	88.853232323232319	23.388881888881888	86.747861478
5	38.788747874787478	28.888123812381238	25.81888818888187	35.588884888884888	28.888123812381238	24.888887888887888	18.827422742274227	88.454388843888438	4.278881888881888	88.588888888
6	32.888182818281828	25.728872887288728	28.488747874787478	38.878848787478748	27.827881278812788	33.218834188341834	24.824388843882438	81.888378837888378	6.548823232323232	44.341483414
7	34.237388738873887	28.888182818281828	28.847874787478748	41.382113821138211	28.572387723877238	34.981482814828148	24.558388838883888	74.818812188121888	8.888888188881888	54.471544715
8	34.888878887888788	25.847874787478748	28.787884878848788	38.483414834148341	24.448328483284832	32.882438824382838	21.482882888282834	87.814834148341488	4.817788817888178	61.788817888
9	38.788188818881888	25.888888888888888	28.343821138211382	38.888388888888888	28.114834148341488	24.888883888883888	88.388243882438824	88.388243882438824	11.817788817888178	81.888818888
10	31.888188818881888	22.187788817888178	26.343821138211382	38.888388888888888	22.781788817888178	28.228818288182881	21.488817888178881	76.777884715447788	18.728818288182881	73.888738887
11	38.788188818881888	26.147154471544778	33.338881338881338	37.824388438843884	27.428483284832847	32.758887888878887	24.841483414834148	82.887888788878887	25.888888888888888	73.888738887
12	32.828232323232323	25.817881788178817	28.278731873187318	48.788813888138888	28.888888888888888	33.847154471544778	23.882888288828828	84.288488848884288	8.117873187318731	58.488488488
13	28.873333333333333	24.338888888888888	24.8	38.382333333333333	21.228888888888888	25.28	18.313333333333333	72.853333333333333	5.488888888888888	14.288888888
14	38.873333333333333	17.788888888888888	18.82	28.188888888888888	12.388888888888888	18.428888888888888	4.88	48.853333333333334	8.888888888888888	14.288888888
15	48.1	28.1	32.9	44.8	28.1	35.2	18.7	88.8	7.3	
16	41.2	28.4	33.3	43.1	28.4	35.8	18.8	47.8	52.8	
17	37.2	28.8	33.1	48.8	28.9	38.3	22.4	58.7	8.7	
18	37.2	28.8	38.7	41.8	24.8	33.8	23.1	87.8	48.1	
19	38.8	28.2	31.5	41.8	28.2	38.1	22.4	91.8	8.8	
20	37.8	28.1	38.4	42.1	28.1	33.8	23.8	88.8	18.8	
21	38.9	28.4	38.4	44.2	28.4	34.2	23.4	88.9	7.7	

There are 822 rows of data. (Showing first 100 rows)

Back Continue

❖ දැන් ඔබට අවශ්‍ය ආකාරයට එම dataset එක train කර ගන්න.