

Project 164

164 වන ව්‍යාපෘතිය



Coding School



AI and Machine Learning

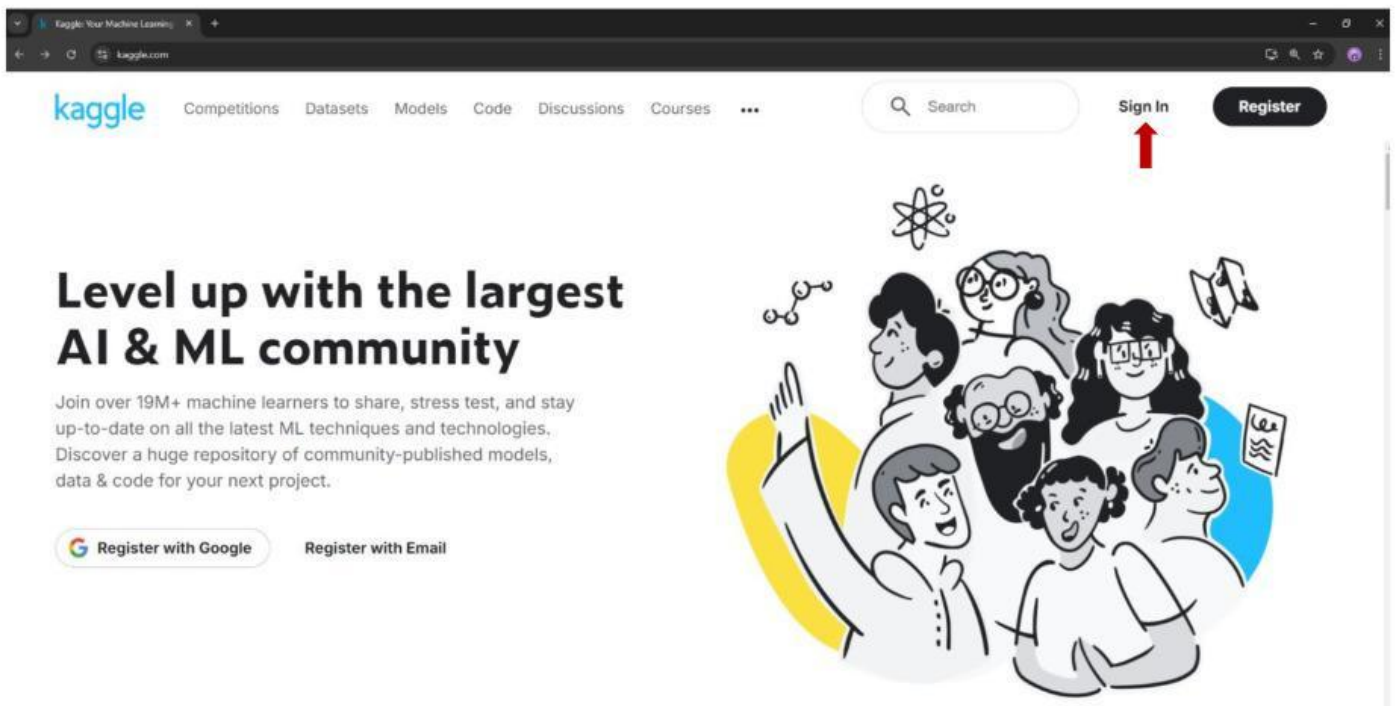


ආරම්භ කරන්න

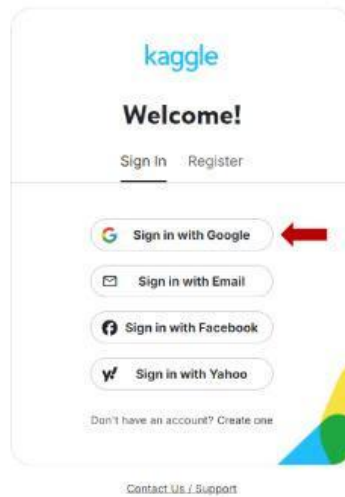
- ❖ මෙහිදී අපි Code.org වල ඇති AI and machine learning lab එක භාවිතා කර අපගේ dataset train කර එය භාවිතා කර mobile app එකක් නිර්මාණය කරන ආකාරය බලමු.
- ❖ මුලින් ම ඔබට අවශ්‍යතාව අනුව dataset එකක සොයා ගන්න.
- ❖ මෙහිදී dataset එකක් select කිරීම සඳහා kaggle website එක භාවිතා කරයි. එමඟින් dataset එකක් පහසුවෙන්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

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

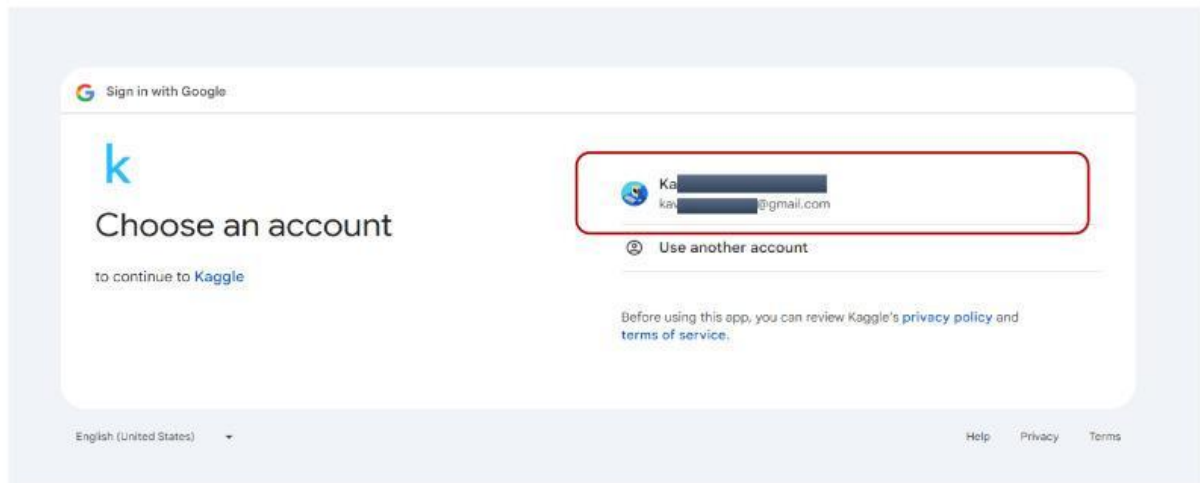
- ❖ මුලින් ම එම website එක සඳහා sing in විය යුතුය. ඒ සඳහා sing in button එක මත click කරන්න.



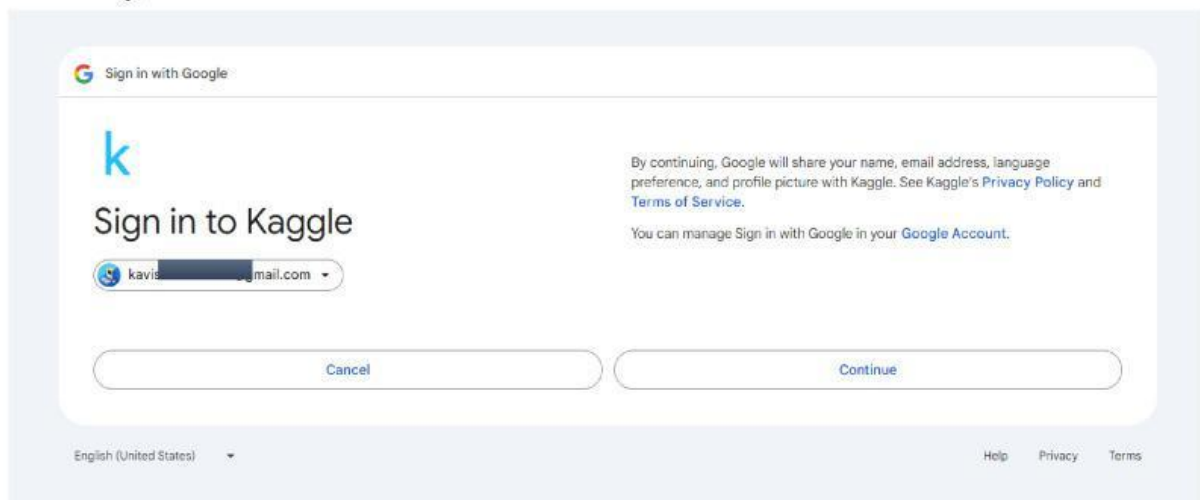
- ❖ එවිට පහත ආකාරයේ page එකක් load වේ. මෙහිදී අප Sing in with Google යනත් select කර kaggle website එකට sign in වේ.



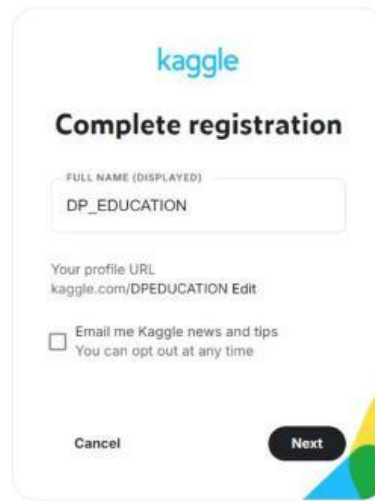
❖ දැන් ඔබගේ email එක select කර sign in වන්න.



❖ දැන් continue button එක මත click කරන්න.

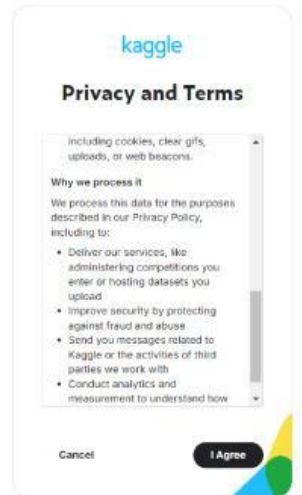


- ❖ දැන් ඔබගේ account එක සඳහා username එකක් ලබා දෙන්න.

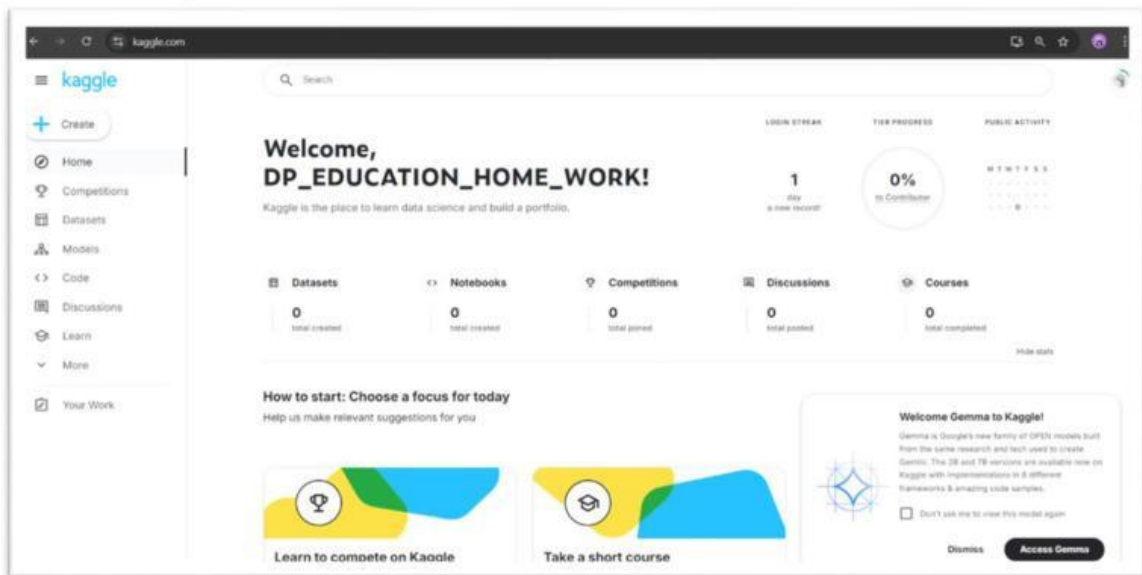


Kaggle Complete registration form. It includes a text input for 'FULL NAME (DISPLAYED)' with the value 'DP_EDUCATION'. Below it, the profile URL 'kaggle.com/DPEDUCATION' is shown with an 'Edit' link. There is a checkbox for 'Email me Kaggle news and tips' which is currently unchecked. At the bottom,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

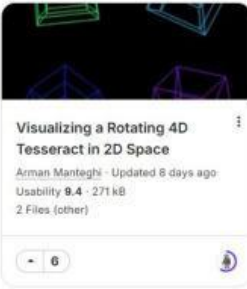
Games
See All



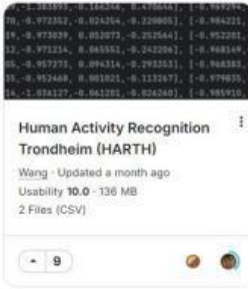
T20 World Cup 2024 Cricket Dataset
Muhammad Ehsan · Updated 12 days ago
Usability 10.0 · 2 kB
3 Files (CSV)



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)

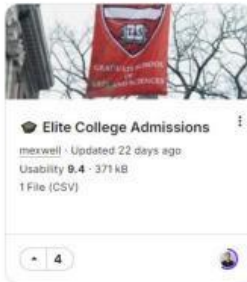


Human Activity Recognition Trondheim (HARTH)
Wang · Updated a month ago
Usability 10.0 · 136 MB
2 Files (CSV)

Education
See All



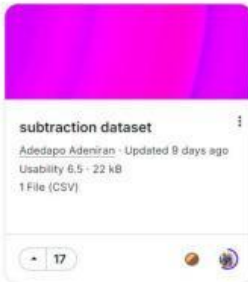
Computer Science Students Career Prediction
Rugved Patel · Updated a month ago
Usability 9.4 · 3 kB
1 File (CSV)



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 Kanchana990 · Updated 4 months ago Usability 9.4 · 1 File (CSV) · 85 kB	24 🥉 Bronze
	Sri Lankan Rupee Rhythms: 13-Year Forex Dance Kanchana990 · 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](#)

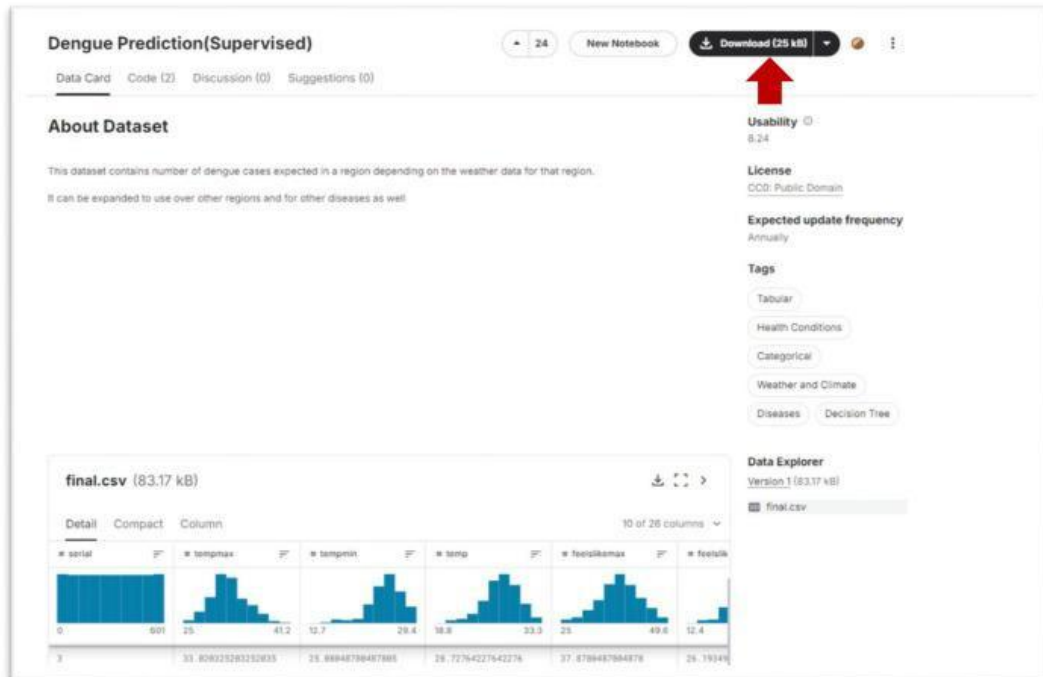
Filters

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

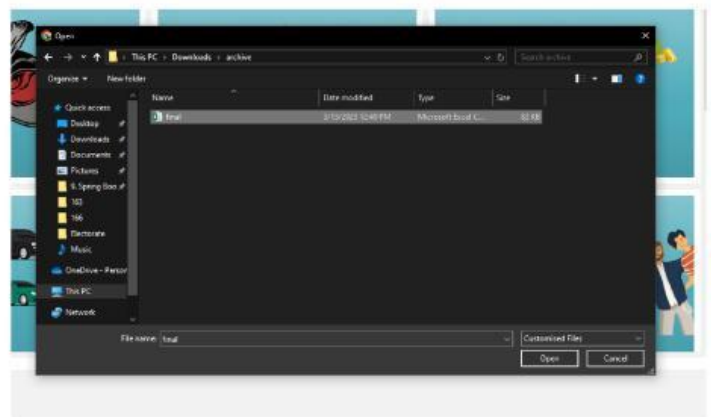
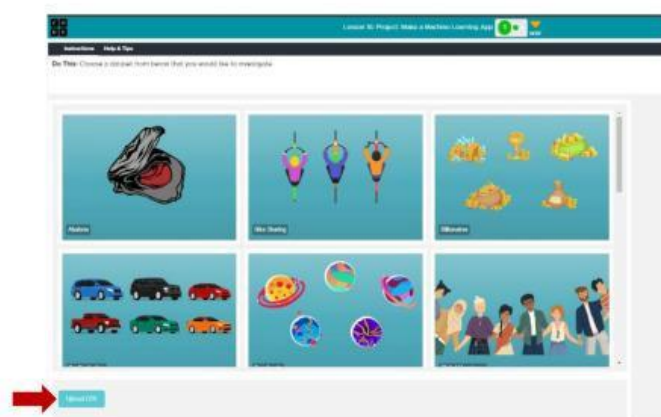
68 Datasets
Hotness ▾

	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 ...

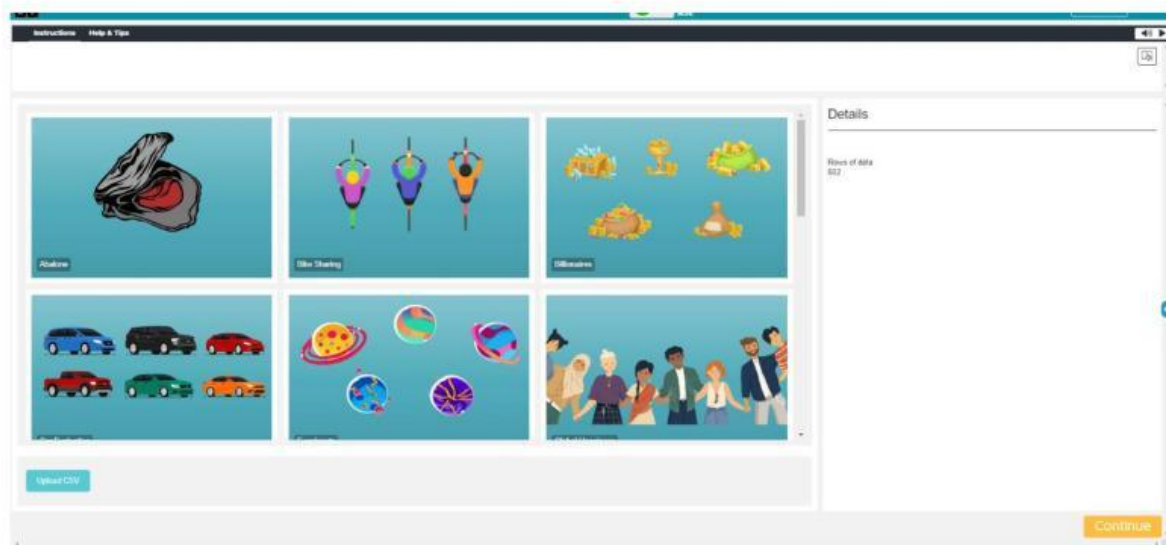
- ❖ එවිට kaggle website එකේ dengue සම්බන්ධ ව dataset 68 ක් display වේ.
- ❖ එම dataset අතරින් Dengue Prediction(Supervised) ලෙස ඇති dataset මත තොරා ගන්නවා. ඇත් එම label මත click කරන්න.



- ❖ 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	feewdmin	dew	humidty	windsp	precip
0	54.852166664891114	24.47890218178902	25.7898591369543	38.7578821917898	26.21788218178902	32.388391368893014	22.871232578712328	73.58821817898219	3.82172821789728	44.887524248
1	34.38817898178982	25.69438894388943	28.484227442274423	41.3382138213821	28.14883488348834884	34.4237723772377	21.4845284528452	72.38888888888888	3.7834148341483417	38.837388373
2	34.87388217898217	25.41789817898178	28.528828282828283	48.48422744227442	28.588148282828282	35.888388838888884	22.88848788487888	89.42438243824344	3.888838883888888	33.333333333
3	33.828232323232323	25.88848788487888	28.72784227442278	37.8788487884878	28.18948934893055	31.77238772387724	21.732323232323231	89.28738887388878	8.152525252525252	37.388373883
4	38.88887888788878	24.238884388884388	28.71478814788147	36.588891888891871	24.283414834148343	28.843882438882438	24.214834148341484	88.853232323232319	23.388891888891889	86.74788147
5	38.78874788747888	28.88812381238123	25.81888818888187	35.588894888894885	28.88812381238123	24.888897888897888	18.827842274422783	88.48438884388843	4.278891888918889	85.588858888
6	32.88818281828182	28.72887288728872	28.488747887478878	38.8788487884878	27.827881278812788	31.21883418834187	24.824388343882434	81.888378837888	6.548525252525253	48.341483414
7	34.23738873887388	28.88818281828182	28.84788487884884	41.38211382113822	28.57238772387723	34.88148281482818	24.558388838883884	74.81881218812188	8.888888188881888	54.471544715
8	34.88887888788878	25.88848788487888	28.787884878878878	38.48341483414834	24.448328483284833	32.883438834388338	21.483828282828284	87.81483414834148	4.817888178881788	61.788817888
9	38.78874788747888	25.88848788487888	28.787884878878878	38.48341483414834	24.448328483284833	32.883438834388338	21.483828282828284	88.88834883488348	11.817888178881788	81.8888188
10	31.88878887888788	22.18788817888178	26.54832848328483	38.883438834388338	22.18788817888178	28.228814828814828	21.48881788817888	76.77788471544778	18.728814828814828	73.883738837
11	38.78874788747888	26.14715447154472	32.3388813888813888	37.82438843884388	27.428452845284528	32.758887888788878	24.84148341483418	82.8878887888788	25.888888888888888	75.874788747
12	32.828232323232323	28.81789817898178	28.2787318731788	48.78881388813888	28.888888888888887	33.84715447154472	23.88283882838828	84.28848884888488	8.11787318731788	58.488484884
13	28.873333333333333	24.338888888888888	24.8	38.38233333333333	24.338888888888888	25.28	18.313333333333333	72.85333333333333	5.488888888888888	14.288888888
14	28.873333333333333	17.738888888888888	18.82	28.188888888888888	17.738888888888888	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	7.3
16	41.2	28.4	33.3	43.1	28.4	35.8	18.8	47.8	52.8	
17	37.3	28.8	33.1	48.8	28.8	38.3	22.4	58.7	8.7	
18	37.2	28.8	38.7	41.8	28.8	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	25.4	38.4	44.2	25.4	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.