

Project 164

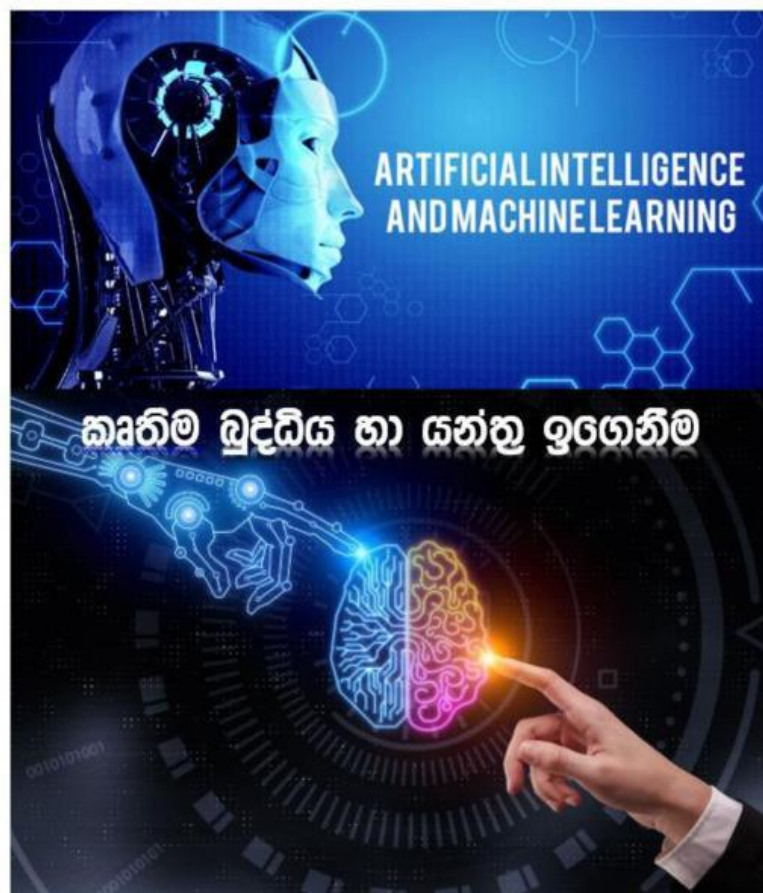
164 වන ව්‍යාපෘතිය



Coding School



AI and Machine Learning

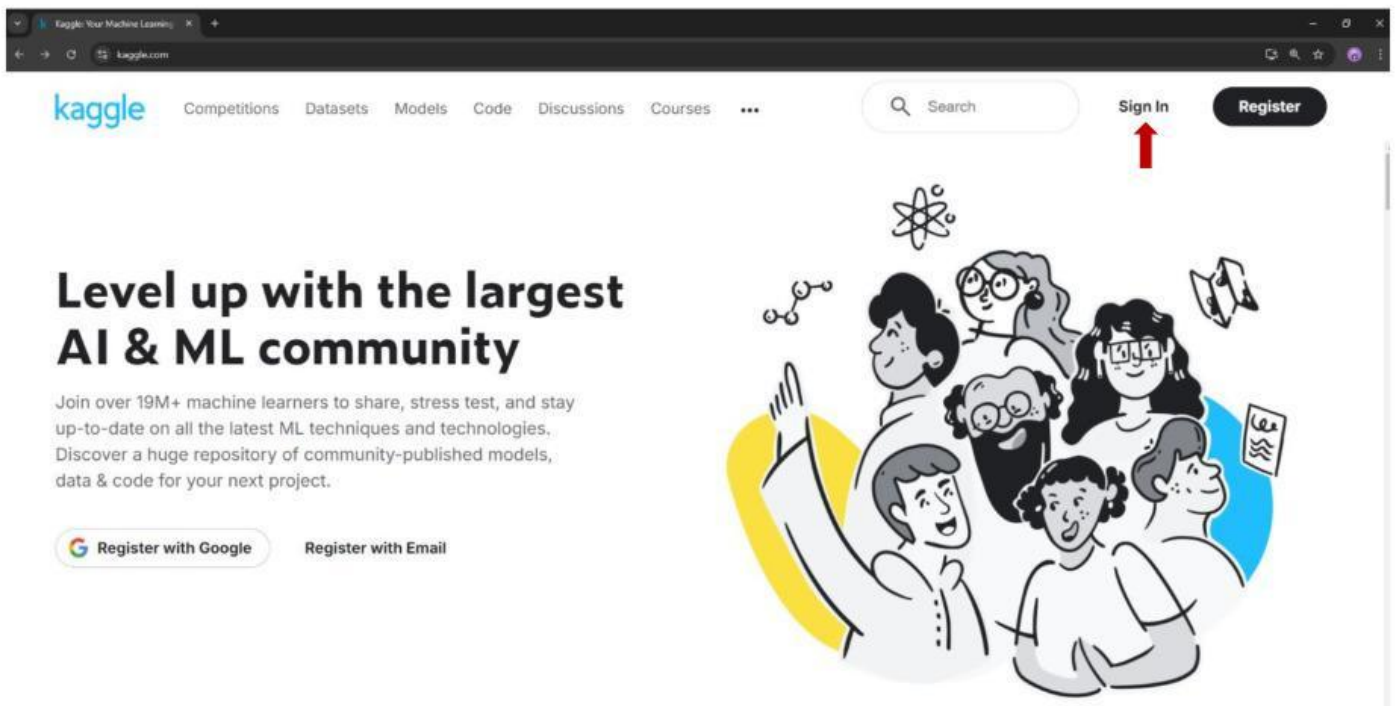


ආරම්භ කරන්න

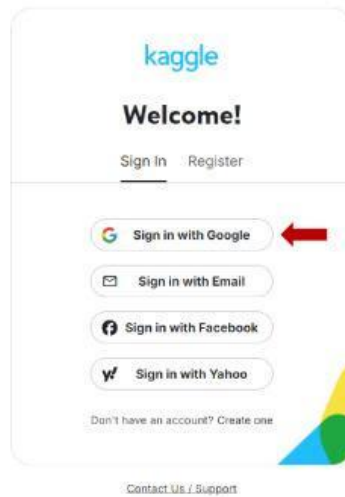
- ❖ මෙහිදී අපි Code.org වල ඇති AI and machine learning lab එක භාවිතා කර අපගේ dataset train කර එය භාවිතා කර mobile app එකක් නිර්මාණය කරන ආකාරය බලමු.
- ❖ මුලින් ම ඔබට අවශ්‍යතාව අනුව dataset එකක සොයා ගන්න.
- ❖ මෙහිදී dataset එකක් select කිරීම සඳහා kaggle website එක භාවිතා කරයි. එමඟින් dataset එකක් පහසුවෙන්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

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

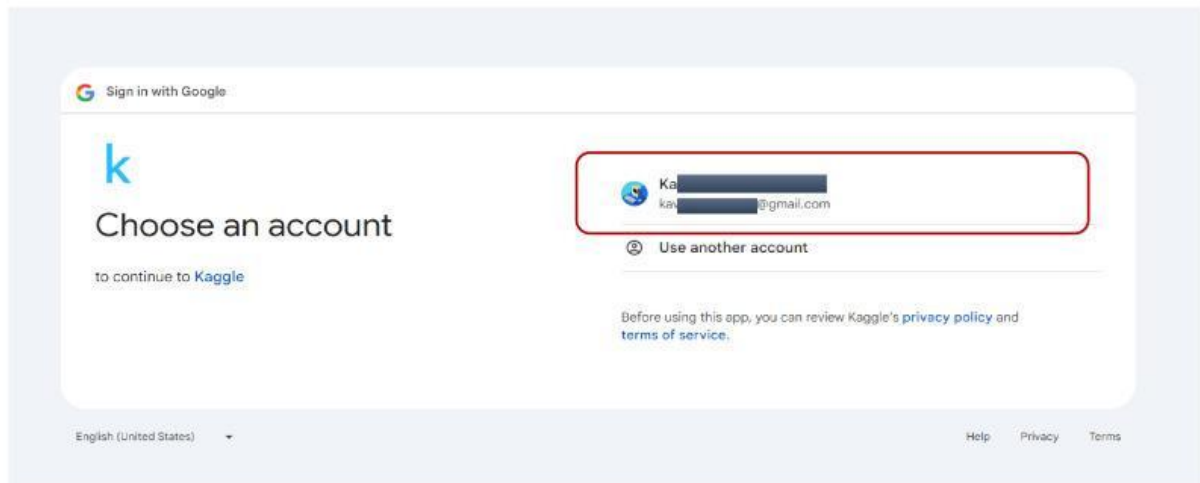
- ❖ මුලින් ම එම website එක සඳහා sing in විය යුතුය. ඒ සඳහා sing in button එක මත click කරන්න.



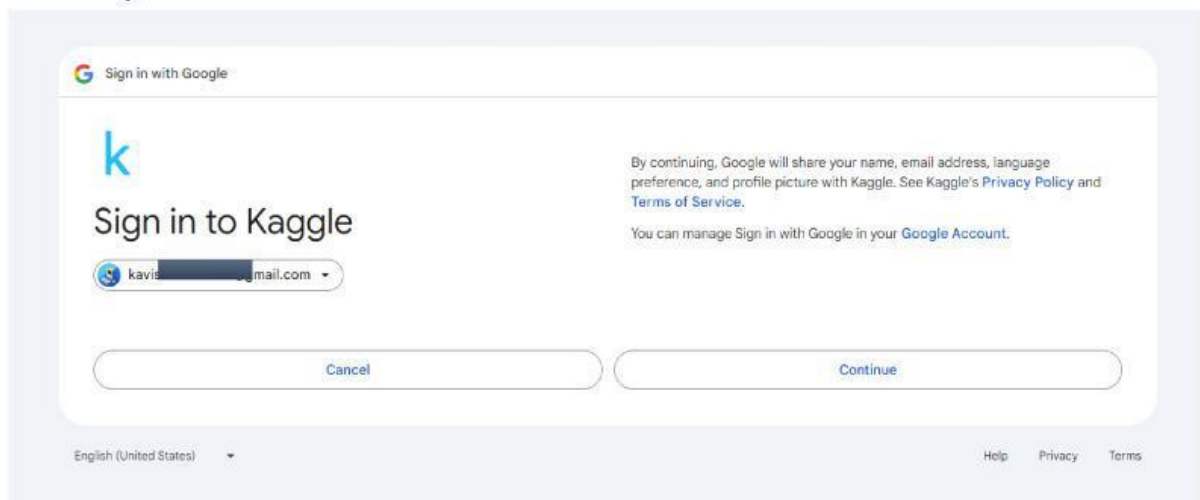
- ❖ එවිට පහත ආකාරයේ page එකක් load වේ. මෙහිදී අප Sing in with Google යනත් select කර kaggle website එකට sign in වේ.



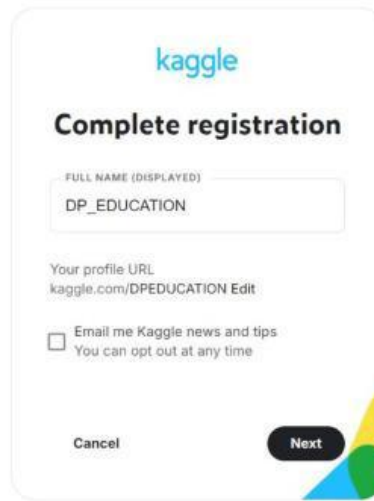
❖ දැන් ඔබගේ email එක select කර sign in වන්න.



❖ දැන් continue button එක මත click කරන්න.

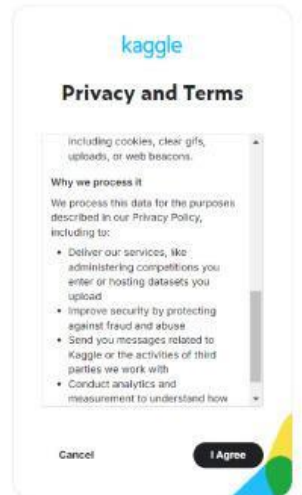


- ❖ දැන් ඔබගේ account එක සඳහා username එකක් ලබා දෙන්න.

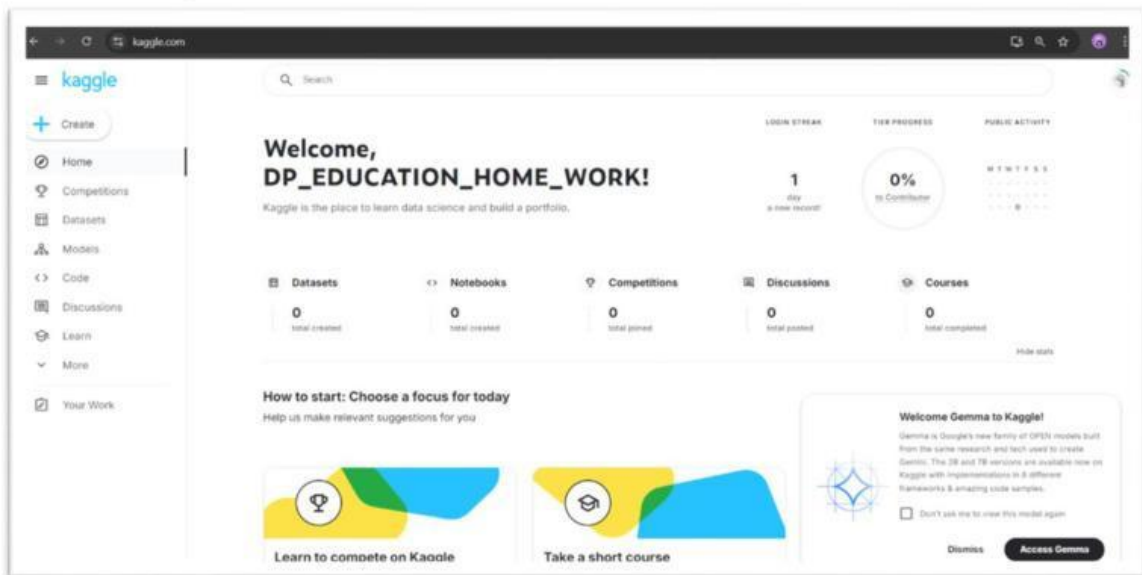


Kaggle Complete registration form. It includes a text input for 'FULL NAME (DISPLAYED)' with the value 'DP_EDUCATION'. Below it, the profile URL 'kaggle.com/DPEDUCATION' is shown with an 'Edit' link. There is a checkbox for 'Email me Kaggle news and tips' which is currently unchecked. At the bottom,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



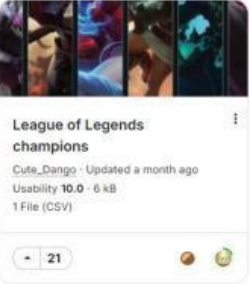
- ❖ දැන් ඔබට අවශ්‍ය dataset එක මෙම website එක හරහා ලබා ගත හැකිය.
- ❖ දැන් side bar එකේ ඇති Datasets tab එක මත click කරන්න.

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

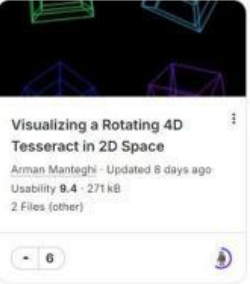
Games
See All



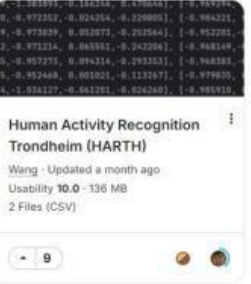
T20 World Cup 2024 Cricket Dataset
Muhammad Ehsan · Updated 12 days ago
Usability 10.0 · 2 kB
3 Files (CSV)



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)

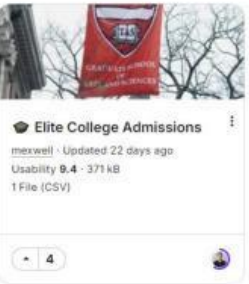


Human Activity Recognition Trondheim (HARTH)
Wang · Updated a month ago
Usability 10.0 · 136 MB
2 Files (CSV)

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](#)

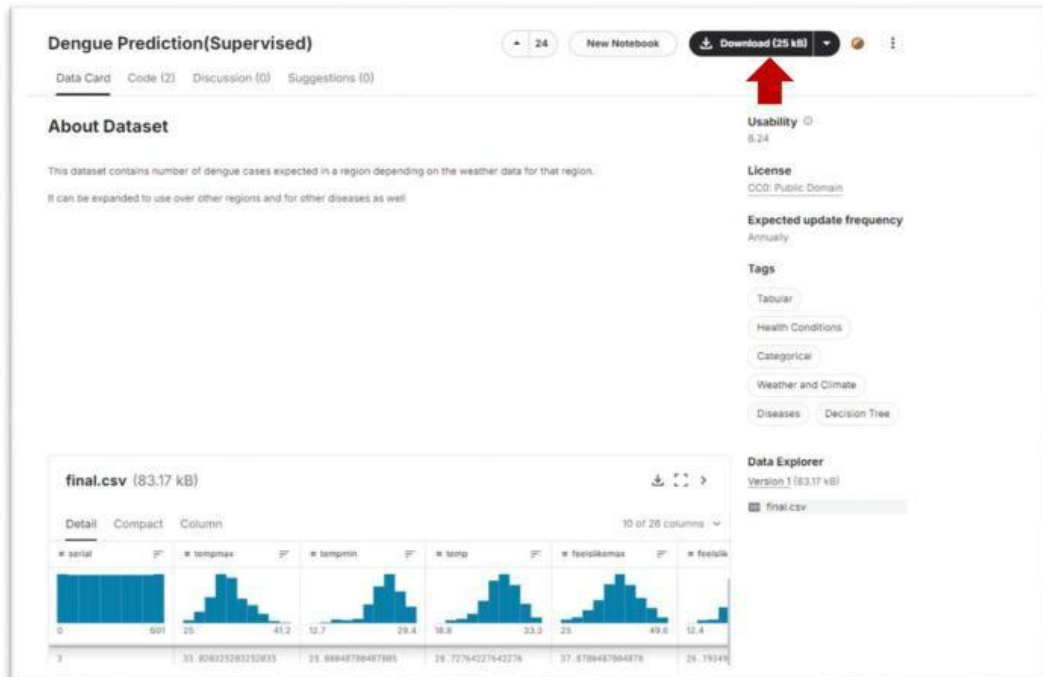
Filters

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

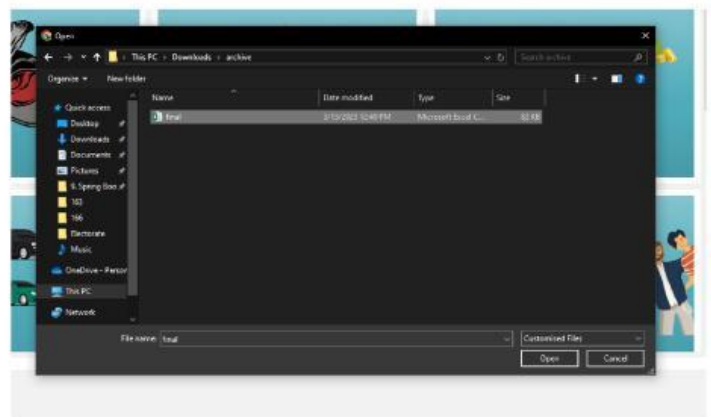
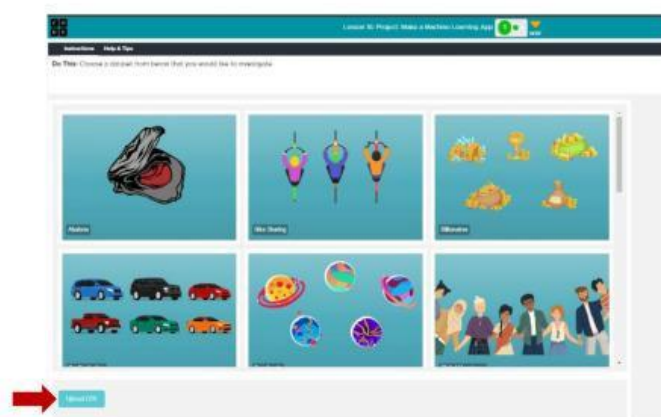
68 Datasets
Hotness ▾

	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 ...

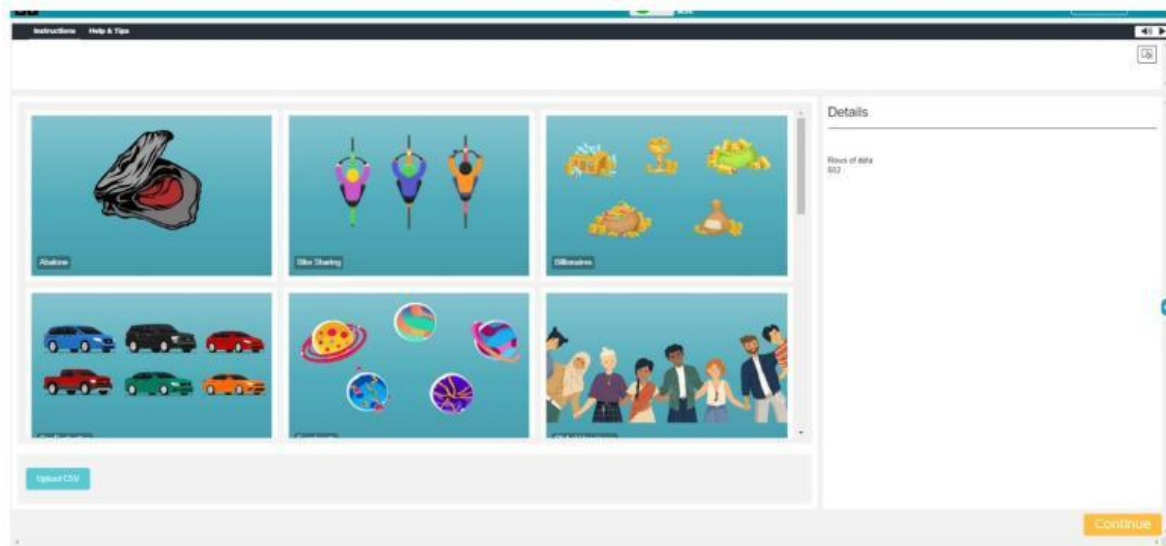
- ❖ එවිට kaggle website එකේ dengue සම්බන්ධ ව dataset 68 ක් display වේ.
- ❖ එම dataset අතරින් Dengue Prediction(Supervised) ලෙස ඇති dataset මත තොරා ගන්නවා. ඇත් එම label මත click කරන්න.



- ❖ 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	fevtdmax	fevtdmean	fevtdstd	dew	humidty	windsd	windspeed
0	54.852166664891114	24.47890218178902	25.7898591369643	38.7578821917898	26.2178821817898	32.38839136889314	22.871232578712328	73.58821817898219	3.82172821789728	44.887524248
1	34.08817898178982	25.694389438943	25.484227442274423	41.3382138213821	28.148834894389434	34.423772377237	21.454525452545	72.3688888888888	3.7834148341483417	39.83738373
2	34.8738827388274	25.41789817898178	25.528828282828283	40.48422744227442	25.581482828282828	35.88838883888884	22.8884878487848	69.4243824382434	3.8883888388888	33.33333333
3	33.8282323232323	25.8884878487848	28.7278422744227	37.8784878487848	28.1834893489355	31.77238772387724	21.7323232323232	89.2873887388738	6.1523232323232	37.388273882
4	38.8888788878887	24.23888438888438	28.71478614786147	36.5888938888937	24.283414834148343	28.843882438882438	24.214834148341484	88.8532323232323	23.388893888893884	96.74786147
5	38.7884787847878	29.8881238123812	25.8188893888893	35.5888948888948	29.8881238123812	24.8888978888978	19.82742277422783	88.45438884388843	4.278893888938891	85.58883888
6	32.8881828182818	25.7288728872887	26.488147861478615	38.8788487861478	27.821881218812184	33.21883418834187	24.82438824388244	81.8882738827388	6.5482323232323	48.341483414
7	34.2373887388738	28.8881828182818	28.84786147861478	41.38211382113822	26.57238772387723	34.981482828282828	24.558388838883884	74.81881218812188	8.888889388889388	54.471544715
8	34.8888788878887	25.84786147861478	28.7878487861478	38.48341483414834	24.448328483284833	32.882438824388238	21.482828282828284	87.81483414834148	4.817388873888738	61.788817888
9	38.7884787847878	25.8888888888888	28.34382113821138	38.8888888888888	28.114834148341486	24.888893888893888	88.8882438824388	88.8882438824388	11.8778887888788	81.8888188
10	31.8887888788878	22.18788817888178	26.8882848328483	22.88788817888177	28.2288788878887	21.4888938889388	76.7778847154478	76.7778847154478	18.7288438843882	73.882738827
11	38.7884787847878	26.14715447154472	33.338881388813888	37.8243884388438	27.428483284832847	32.7588878888788	24.84148341483418	82.8878887888788	25.8888888888888	73.88788787
12	32.8282323232323	25.81789817898178	28.2787318731788	48.78881388813888	28.8888888888888	33.84715447154472	23.88283882838828	84.2584888488848	8.11787318731788	58.488848888
13	28.8733333333333	24.3388888888888	24.8	38.3823333333333	21.2288888888888	25.28	18.3133333333333	72.8533333333333	5.48888888888888	14.288888888
14	38.8733333333333	17.7388888888888	18.82	28.1888888888888	12.3888888888888	18.4288888888888	4.88	48.8533333333334	8.88888888888888	14.288888888
15	48.1	28.1	32.9	44.8	28.1	32.2	18.7	88.8	7.3	7.3
16	41.2	28.4	33.3	43.1	28.4	33.8	18.8	47.8	52.8	52.8
17	37.2	28.8	33.1	48.8	28.8	38.3	22.4	58.7	8.7	8.7
18	37.2	28.8	38.7	41.8	28.8	33.8	23.1	87.8	48.1	48.1
19	38.8	28.2	31.5	41.8	28.2	33.1	22.4	91.8	8.8	8.8
20	37.8	28.1	38.4	42.1	28.1	33.8	23.8	88.8	18.8	18.8
21	38.9	25.4	38.4	44.2	25.4	34.2	23.4	88.8	7.7	7.7

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

Back Continue

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