

ML Service Demo MVP

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Please upload your data for analysis

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1. Upload Data

Project Name

Enter project name

Input Training File

MC38_In_vitro.csv

Select Algorithm

K Neighbors Classifier

Algorithm Parameters Lists

leaf_size p metric metric_params n_jobs n_neighbors

Selected Parameters

algorithm Enter value for algorithm Remove

weights Enter value for weights Remove

Select Features

Select All Features

day NNT AUTON p56 KEAP1 HSP70 PCYXL PRDX4 TCF1_7 SOD2 SIRT6 GPX4 NNF2 HIF1a p53 H2O1 MTH1 OLR1
p53 CD59 TOS p38MAPK cathepsin ACOK3 PD1 AQP8 EOMES TIM2 CD62L Ref APE GR pNfYB ERG1B QSOX1 IxPTP
CD137 pERK axdJ1 CTLA4 LAG3 c-Jun p53 CD133

Select Prediction Target

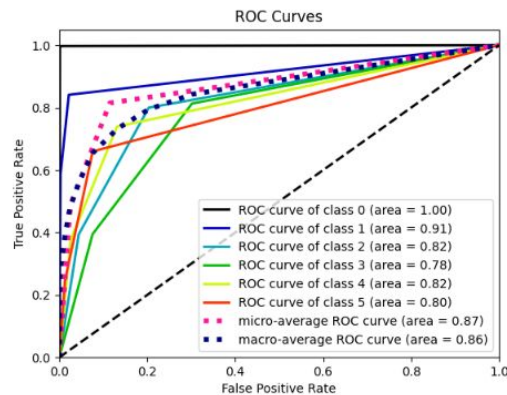
day NNT AUTON p56 KEAP1 HSP70 PCYXL PRDX4 TCF1_7 SOD2 SIRT6 GPX4 NNF2 HIF1a p53 H2O1 MTH1 OLR1
p53 CD59 TOS p38MAPK cathepsin ACOK3 PD1 AQP8 EOMES TIM2 CD62L Ref APE GR pNfYB ERG1B QSOX1 IxPTP
CD137 pERK axdJ1 CTLA4 LAG3 c-Jun p53 CD133

2. Project Setting

Task Name	Task ID	Result ID	Time	Status
lp-1-1	d7bb4b0e-2626-4976-bede-b51f280d8d29	188f0b17-d292-4234-a61b-0103ebb847ca	2024-12-25 01:03:56	SUCCESS
l-2-2	c7c62714-c16f-4c81-aac3-596547983654	47f0cc4f-5d0c-4877-b0a2-fd3627a63faa	2024-12-25 01:05:43	SUCCESS
R-11	d6c7ebf6-917d-487b-8e7a-59e6d5613ac3	2b7e03dc-05f4-41ee-9852-fd61ecf2ba3a	2024-12-25 01:06:16	SUCCESS
Q-1-1	3f829199-ee62-4d77-be8a-ed028ed212e5	496e698a-8a93-49f2-b1f2-dbdd8e0199e4	2024-12-25 01:06:45	SUCCESS
W-12-1	f8bdf6a2-9953-4f53-9c35-af99cacd0e6d	7552ded3-55d8-4c79-9e56-f738d4a5c9ab	2024-12-25 01:07:33	SUCCESS

3. Task Dashboard

ROC Curve



Accuracy Table

	precision	recall	f1-score	support
0	0.9825232113599126	0.9972283813747228	0.9898211829436038	9020.0
1	0.7273168364871422	0.8371963138788048	0.7783980267428274	3581.0
2	0.5670047182602094	0.7735849056603774	0.6543781686173875	13515.0
3	0.5497248968363136	0.512996598421154	0.5307260715115699	15581.0
4	0.6227801592161666	0.5345878889823381	0.5753238671720314	9512.0
5	0.6570831155253528	0.24526829268292683	0.35720375106564367	5125.0
accuracy	0.6529449355628928	0.6529449355628928	0.6529449355628928	0.6529449355628928
macro avg	0.6844054896141829	0.6501437301667207	0.6476418446755107	56334.0
weighted avg	0.6565599670598895	0.6529449355628928	0.6413878673936685	56334.0

4. Result Dashboard

Trainig Model

ML Prediction



Task Name	Task ID	Result ID	Time	Status
lp-1-1	d7bb4b0e-2626-4976-bede-b51f280d8d29	not received yet	2024-12-25 01:03:56	PROGRESS
l-2-2	c7c627f4-c16f-4c81-aac3-596547983654	47f0cc4f-5d0c-4877-b0a2-fd3627a63faa	2024-12-25 01:05:43	SUCCESS
R-11	d6c7ebf6-917d-487b-8e7a-59e6d5613ac3	not received yet	2024-12-25 01:06:16	PROGRESS
Q-1-1	3f829199-ee62-4d77-be8a-ed028ed212e5	496e698a-8a93-49f2-b1f2-dbdd8e0199e4	2024-12-25 01:06:45	SUCCESS
W-12-1	f8bdf6a2-9953-4f53-9c35-af99cacd0e6d	7552ded3-55d8-4c79-8656-f738d4a5c9ab	2024-12-25 01:07:33	SUCCESS