AI模型 - Bug #30

如何製造機器學習訓練所使用CSV檔案

2023-09-05 12:58 - shunya chang

狀態:	New	**開始日期:**	2023-09-05
優先權:	Normal	**完成日期:**	
被分派者:		**完成百分比:**	100%
分類:		**預估工時:**	0:00 小時
版本:		**耗用工時:**	0:00 小時
概述			

歷史

#1 - 2024-03-04 06:34 - shunya chang

- 檔案 clipboard-202403041434-5a6zv.png 已新增

Usage: python ./test_single_image.py <input_folder> <result_value> <csv_path>
<input_folder>為眼睛圖片資料
<result_value> 預測值
<csv_path> 路徑

#2 - 2024-03-05 12:43 - shunya chang

- 完成百分比 從 0 變更為 100

#3 - 2024-03-26 14:35 - shunya chang

- 主旨 從 KNN 變更為 如何製造機器學習訓練所使用CSV檔案

#4 - 2024-04-09 07:01 - shunya chang

- 檔案 clipboard-202404091500-ss6r4.png 已新增

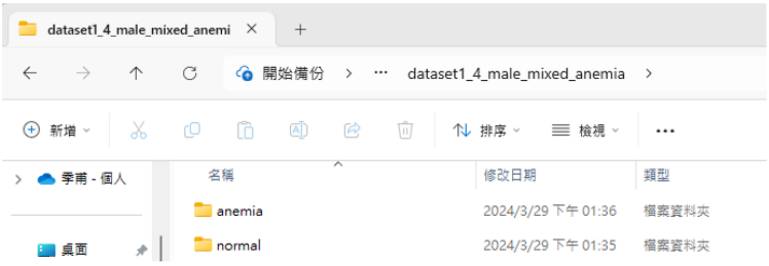
- 檔案 clipboard-202404091500-abej1.png 已新增

- 檔案 clipboard-202404091500-dfrvy.png 已新增

- 檔案 AI (1).pptx 已新增

Ver4

- 新增更多特徵
- 化簡ver3流程
- 先確認圖片已經分好anemia, normal



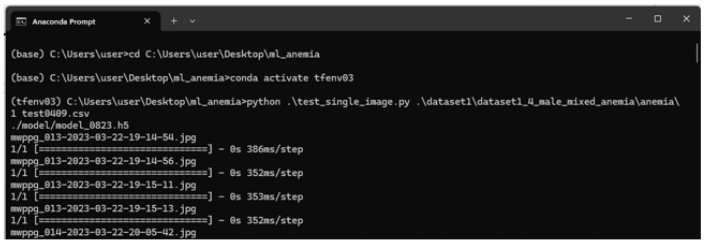
流程

- 開Anaconda Prompt
- cd C:\Users\user\Desktop\ml_anemia
- conda activate tfenv03
- python .\test_single_image.py <圖片資料夾> <Result> <csv檔案>
  - Result: Normal: 0, Anemia: 1

E.g.

python .\test_single_image.py .\dataset1\dataset1_4_male_mixed_anemia\anemia\ 1 test0409.csv

python .\test_single_image.py .\dataset1\dataset1_4_male_mixed_anemia\normal\ 0 test0409.csv



結果

- 輸出結果
- 訓練前記得檢查資料

	A	B	C	D	E	F	G	H	I	J	K	L
1	image_nam	result	image_nam	image_nam	image_nam	image_nam	image_nam	image_nam	image_nam	image_name	gray_contrast	
2		1	0	0	0	0	0	0	0	0	刪除	
3	mwppg_01	1	0.223655	0.630773	0.413469	0.402432	118.5349	93.6048	160.8472	17.74923		
4	mwppg_01	1	0.218808	0.636495	0.42387	0.410942	118.2665	91.37996	162.3062	16.85006		
5	mwppg_01	1	0.204656	0.612204	0.400858	0.414814	122.0239	88.97059	156.1121	17.68824		
6	mwppg_01	1	0.211896	0.598245	0.385111	0.389117	120.5546	92.55246	152.5525	19.80776		
7	mwppg_01	1	0.230641	0.654313	0.43083	0.419236	118.3913	91.55731	166.8498	8.536001		
8	mwppg_01	1	0.208437	0.615338	0.40963	0.40902	120	86.25	156.9111	8.993501		
9	mwppg_01	1	0.224884	0.708162	0.48401	0.486031	120.345	82.51938	180.5814	12.51683		
10	mwppg_01	1	0.212971	0.711911	0.496338	0.505396	121.2645	78.40083	181.5372	15.55376		
11	mwppg_01	1	0.205777	0.684679	0.474997	0.485001	121.4548	79.17514	174.5932	16.57101		
12	mwppg_01	1	0.235275	0.711558	0.475966	0.477935	120.2911	85.98312	181.4473	14.17273		
13	mwppg_01	1	0.216163	0.677076	0.455306	0.467301	121.7426	83.88971	172.6544	13.29076		
14	mwppg_01	1	0.210049	0.673245	0.458507	0.468986	121.4677	81.86559	171.6774	14.48938		
15	mwppg_01	1	0.152941	0.664245	0.504775	0.514625	122.0412	61	169.3824	8.276861		
16	mwppg_01	1	0.204256	0.687073	0.496006	0.469693	116.3457	80.96914	175.2037	13.74773		
17	mwppg_01	1	0.207816	0.692076	0.499617	0.468685	115.9053	82.56805	176.4793	12.53809		

檔案

KNN貧血預測.pptx	1.33 MB	2023-09-05	shunya chang
clipboard-202403041434-5a6zv.png	103 KB	2024-03-04	shunya chang
clipboard-202404091500-ss6r4.png	70.1 KB	2024-04-09	shunya chang
clipboard-202404091500-abej1.png	113 KB	2024-04-09	shunya chang
clipboard-202404091500-dfrvy.png	195 KB	2024-04-09	shunya chang
AI (1).pptx	179 KB	2024-04-09	shunya chang