

road buster

Tomorrow's **traffic enforcement**

Smarter, faster vehicle monitoring
We do the eyeballing

Problem Statement

- The current license plate identification system has low accuracy, which has resulting in significant manual effort on the part of Traffic Police officers
- How might we improve the accuracy of identifying license plate details, so that Traffic Police officers can do other higher value-added work?

Prototype run-through

Upload images to be assessed

RoadBuster

D v

Upload to Batch 30

Cancel

3 files selected

+ Add more



0030D60E5707_1...6_41
0-520.jpg
3.2 MB













0030D60E5707_1...6_41
2-520.jpg
2.9 MB



0030D60E5707_1...6_41
1-520.jpg
3.2 MB

Upload 3 files


Images are processed simultaneously

RoadBuster							
Batch 30							
TIME	LIMIT (KM/H)	SPEED (KM/H)	DIFF	CAR PLATE	CONFIDENCE	LOCATION	STATUS
02 Feb 2024 4:15 PM	90	124	+34		75%	Ayer Rajah Expressway towards Jurong	Ready for review
02 Feb 2024 4:15 PM	90	122	+32		65%	Bukit Timah Expressway towards Woodlands	Ready for review
02 Feb 2024 4:15 PM	70	109	+39		100%	Boon Lay Way towards Commonwealth Avenue West	Ready for review
02 Feb 2024 4:15 PM	90	125	+35		50%	Ayer Rajah Expressway towards Jurong	Ready for review
02 Feb 2024 4:15 PM	90	116	+26		65%	Seletar Expressway towards Central Expressway	Ready for review
02 Feb 2024 4:15 PM	90	119	+29		50%	Seletar Expressway towards Central Expressway	Ready for review
02 Feb 2024 4:15 PM	70	89	+19		65%	Yishun Avenue 2 towards Lentor Avenue	Ready for review
02 Feb 2024 4:15 PM	70	99	+29		30%	Yishun Avenue 2 towards Lentor Avenue	Ready for review
02 Feb 2024 4:15 PM	90	128	+38		65%	Ayer Rajah Expressway towards Jurong	Ready for review
02 Feb 2024 4:15 PM	70	104	+34		50%	Yishun Avenue 2 towards Lentor Avenue	Ready for review

Confirming individual cases


RoadBusterD ▾

[← Back](#)



Speed Limit	90 km/h	Lane	1
Detected Speed	124 km/h	Location	Ayer Rajah Expressway towards Jurong

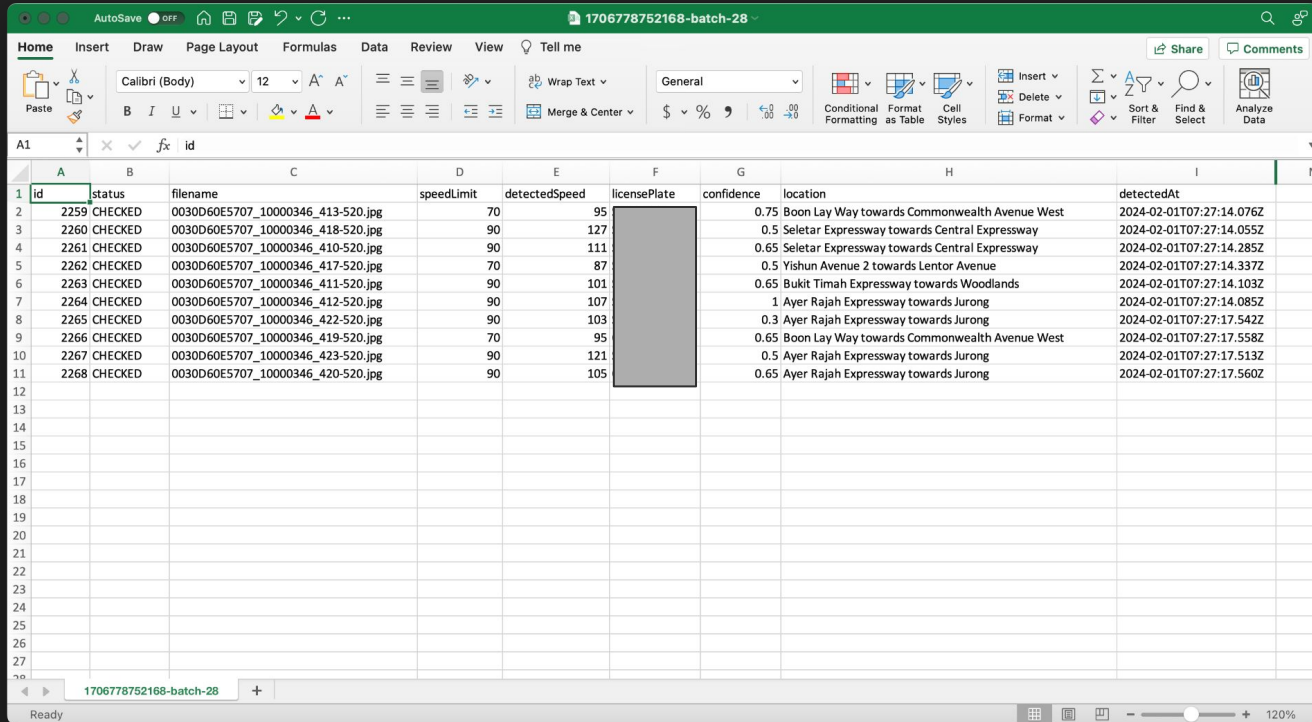
Car Plate

75% 

[Confirm](#) [Cancel](#)

☐ Confirm & open next case

Export report in .csv format for follow up



The screenshot shows a Microsoft Excel spreadsheet titled "1706778752168-batch-28". The spreadsheet contains a table with 9 columns: id, status, filename, speedLimit, detectedSpeed, licensePlate, confidence, location, and detectedAt. The data is organized into 11 rows, each representing a vehicle inspection record. The licensePlate column contains a gray rectangular redaction box for all entries. The status column shows "CHECKED" for all records. The detectedAt column shows timestamps in YYYY-MM-DDTHH:MM:SS format.

id	status	filename	speedLimit	detectedSpeed	licensePlate	confidence	location	detectedAt
2259	CHECKED	0030D60E5707_10000346_413-520.jpg	70	95		0.75	Boon Lay Way towards Commonwealth Avenue West	2024-02-01T07:27:14.076Z
2260	CHECKED	0030D60E5707_10000346_418-520.jpg	90	127		0.5	Seletar Expressway towards Central Expressway	2024-02-01T07:27:14.055Z
2261	CHECKED	0030D60E5707_10000346_410-520.jpg	90	111		0.65	Seletar Expressway towards Central Expressway	2024-02-01T07:27:14.285Z
2262	CHECKED	0030D60E5707_10000346_417-520.jpg	70	87		0.5	Yishun Avenue 2 towards Lentor Avenue	2024-02-01T07:27:14.337Z
2263	CHECKED	0030D60E5707_10000346_411-520.jpg	90	101		0.65	Bukit Timah Expressway towards Woodlands	2024-02-01T07:27:14.103Z
2264	CHECKED	0030D60E5707_10000346_412-520.jpg	90	107		1	Ayer Rajah Expressway towards Jurong	2024-02-01T07:27:14.085Z
2265	CHECKED	0030D60E5707_10000346_422-520.jpg	90	103		0.3	Ayer Rajah Expressway towards Jurong	2024-02-01T07:27:17.542Z
2266	CHECKED	0030D60E5707_10000346_419-520.jpg	70	95		0.65	Boon Lay Way towards Commonwealth Avenue West	2024-02-01T07:27:17.558Z
2267	CHECKED	0030D60E5707_10000346_423-520.jpg	90	121		0.5	Ayer Rajah Expressway towards Jurong	2024-02-01T07:27:17.513Z
2268	CHECKED	0030D60E5707_10000346_420-520.jpg	90	105		0.65	Ayer Rajah Expressway towards Jurong	2024-02-01T07:27:17.560Z