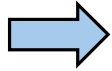
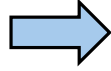


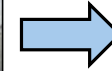
**Viofo A129
Dashcam**



Video Files



**Frame
Extraction**



**Region
Extraction**

08-04-2024 11:04:08



original

08-04-2024 11:04:08



grayscale

08-04-2024 11:04:08



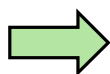
smooth/erode/blur

08-04-2024 11:04:08

OTSU thresholding



OCR preprocessing



08-04-2024 11:04:08

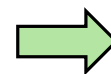
Tesseract LSTM-based OCR



08-04-2024 11:04:08

RegEx validation

pyTesseract OCR



Frame	Time	Lat	Lon	Speed
1	11:04	30.4	-97.7	70
2	11:08	30.5	-97.5	68

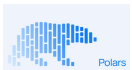
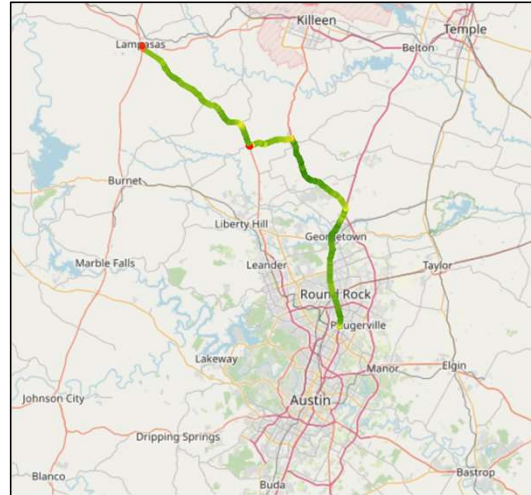
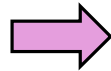


polars DataFrame

Frame	Time	Lat	Lon	Speed
1	11:04	30.4	-97.7	70
2	11:06	34.2	-87.2	0
3	11:08	30.5	-97.5	68



Frame	Time	Lat	Lon	Speed
1	11:04	30.4	-97.7	70
3	11:08	30.5	-97.5	68



Filter noisy data



Folium

Plot geo coords