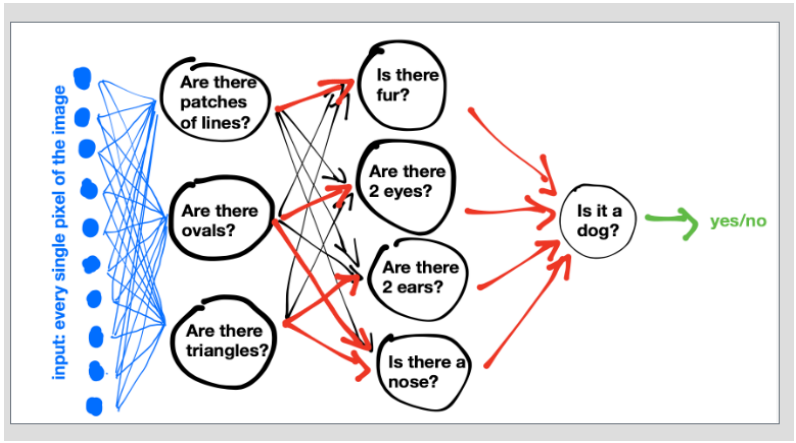
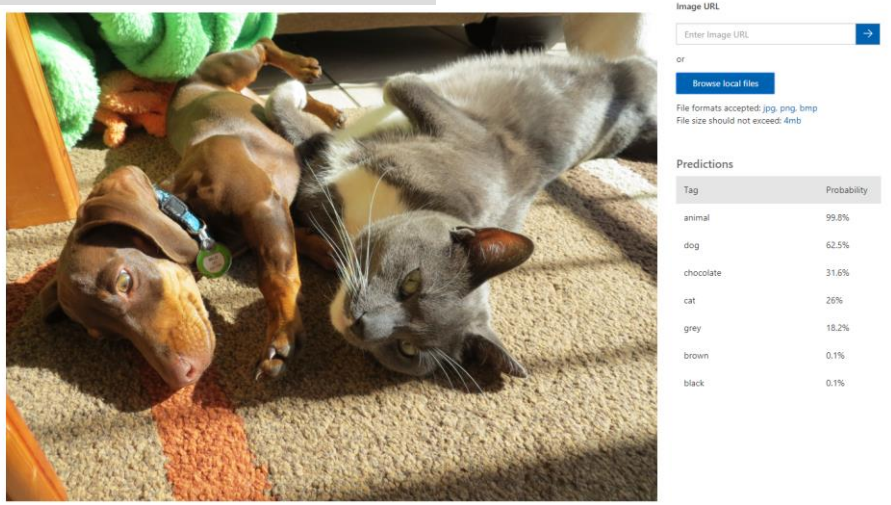
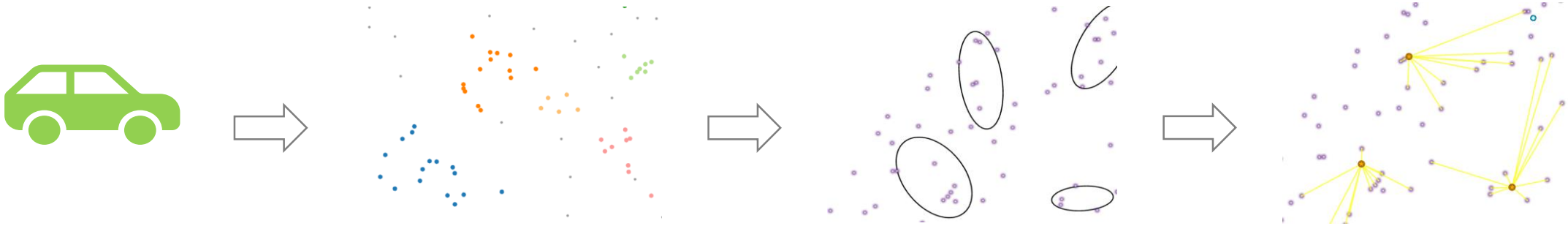
Artificial Intelligence vs Machine Learning vs Deep Learning

Gender	Age	Food
F	25	
F	18	
M	65	
F	21	
F	23	
M	57	

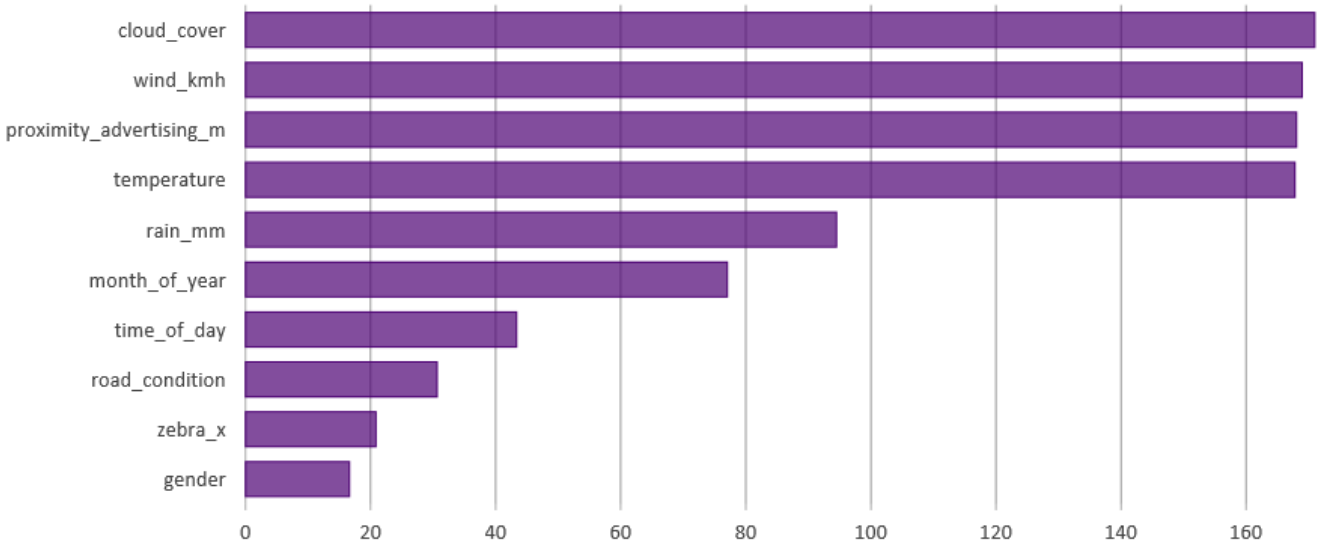


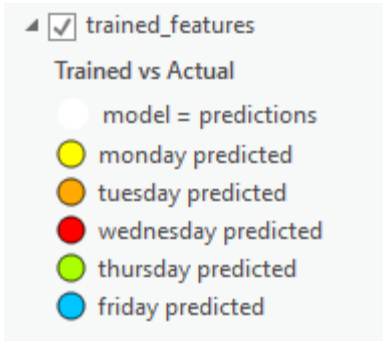


Accidents in Cape Town (smart number plate)

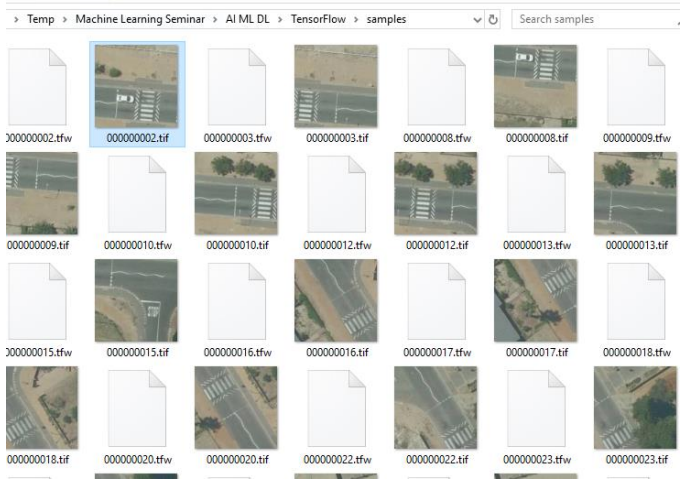


Accidents in Cape Town (reasons behind?)

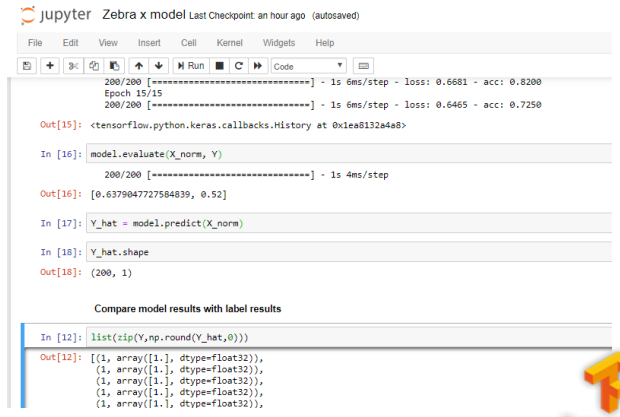


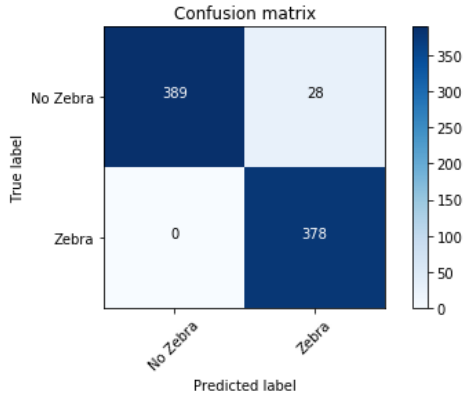


Accidents in Cape Town (find zebra x-ing – self drive cars)

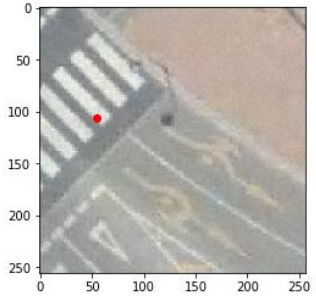


Filename	p0	x0	y0
000000001.jpg	1	0.833027344	0.676035156
000000002.jpg	1	0.833027344	0.176035156
000000003.jpg	1	0.333027344	0.676035156
000000004.jpg	1	0.333027344	0.176035156
000000005.jpg	1	0.595722656	0.791152344
000000006.jpg	1	0.595722656	0.291152344
000000007.jpg	1	0.095722656	0.791152344
000000008.jpg	1	0.095722656	0.291152344
000000009.jpg	1	0.702246094	0.874707031
000000010.jpg	1	0.202246094	0.874707031





Out[18]: <matplotlib.collections.PathCollection at 0x1c7644dff28>

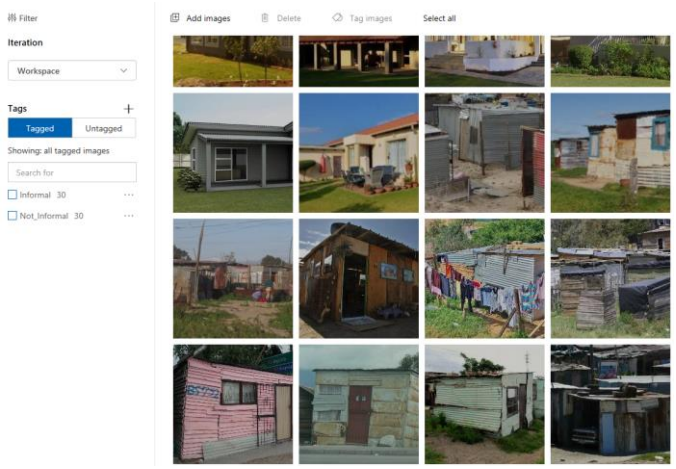


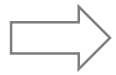
TensorFlow

jupyter

Keras

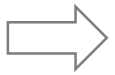
Formal vs informal houses (upgrade better houses)

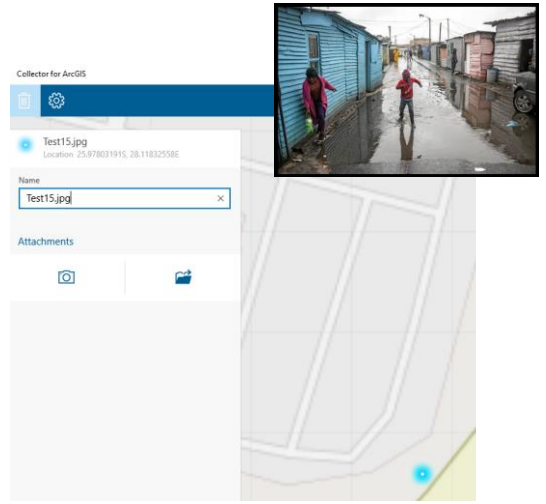


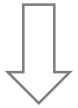


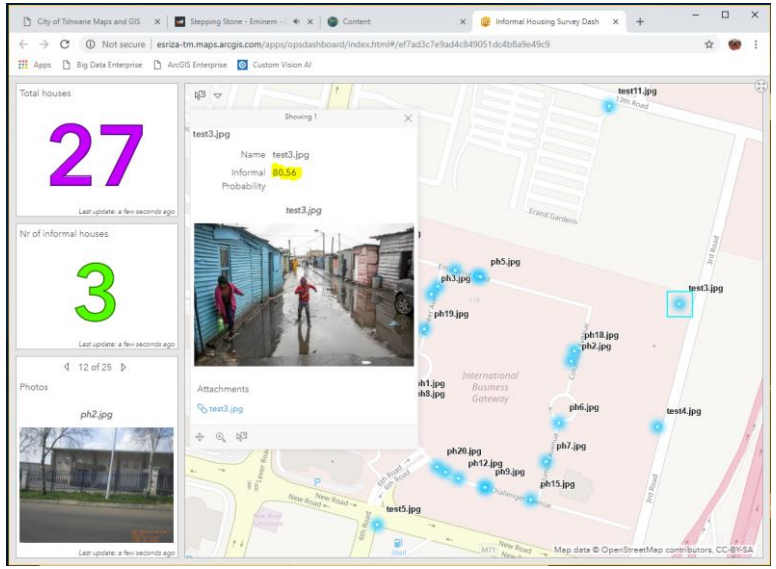
Predictions

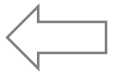
Tag	Probability
Informal	80.5%
Not_Informal	0%



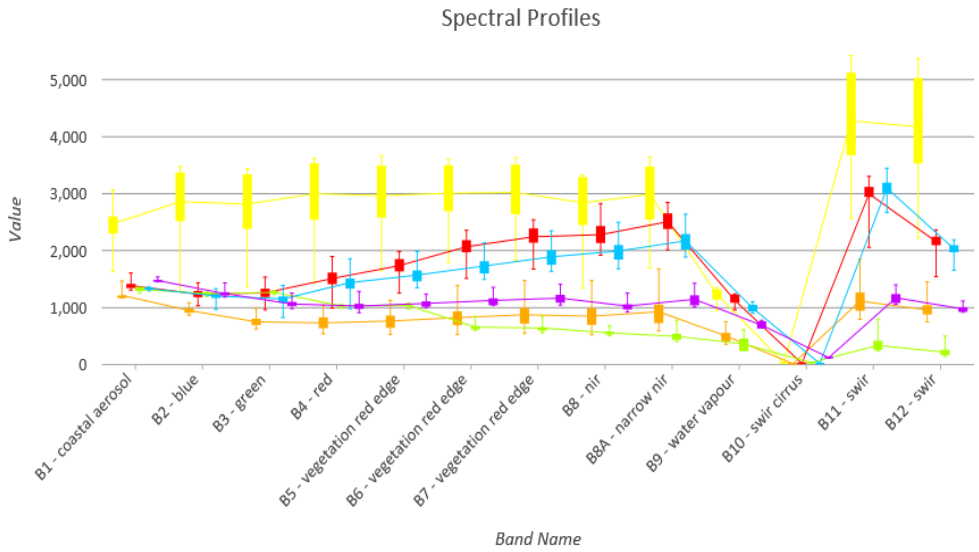


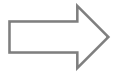




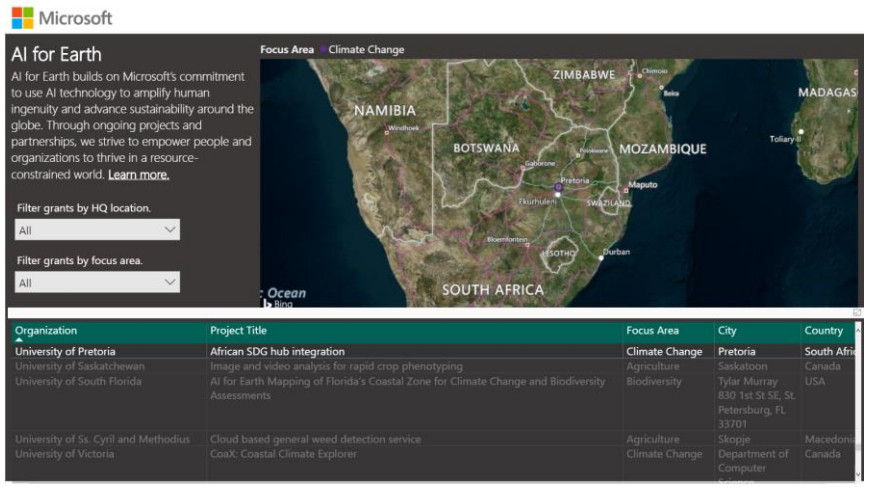


Open spaces in Midrand (development, ‘parkie’)





GeoAI Data Science Virtual Machine (DSVM)




esri South Africa
THE SCIENCE OF WHERE™