

Basic idea and Big Picture Select forecast spot:

Newcastle Wave Ratings: Swell Height (ft): 7.5 The Farm Swell Rate (seconds): 8

Do you like this prediction ?

Acknowledgement: Data kindly provided by Magicseaweed.

Swell Direction: SE Wind Speed (mph): 18 Wind Direction: S

Sydney (Cronulla) Sydney (Bondi) Puerto Rico (Cuba) Weather: Temperature (celsius): 16.0 Sydney (Manly) Surfing condition are:

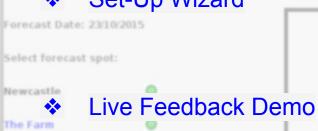
Yes

No

Sydney (Maroubra)

Back







Sydney (Cronulla)



































Sydney (Maroubra)

Back













Surf Spot: The Farm





No



Wave Ratings:

Swell Rate (seconds): 8

Swell Height (ft): 7.5

Swell Direction: SE Wind Speed (mph): 18

Wind Direction: S

Temperature (celsius): 16.0

Surfing condition are:

Do you like this prediction ?

Acknowledgement: Data kindly provided by Magicseaweed.

Weather:

Yes



Why is it so awesome?

It is intelligent



It is independent & autonomous



It is proactive

Additional Features (Big Picture)

SurfSpotPredictor

Forecast Date: 23/10/2015

Select forecast spot:

Newcastle

The Farm -

Sydney (Cronulla)

Sydney (Bondi)

Sydney (Manly)

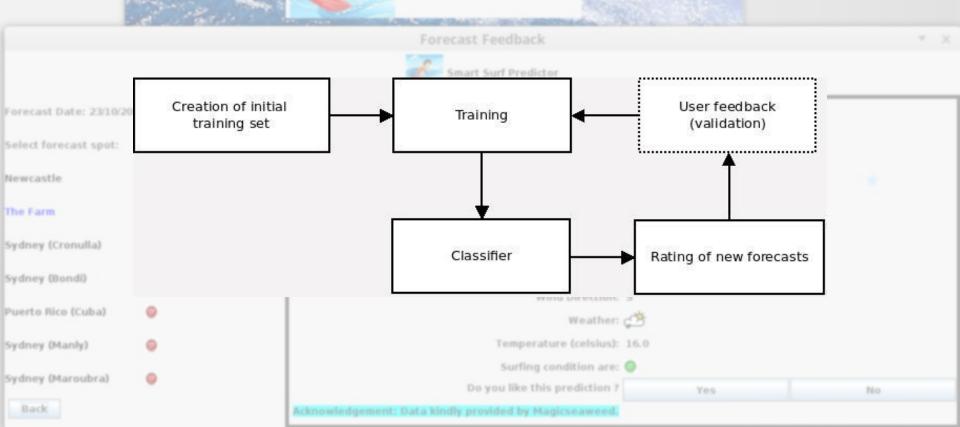
Back

Puerto Rico (Cuba)

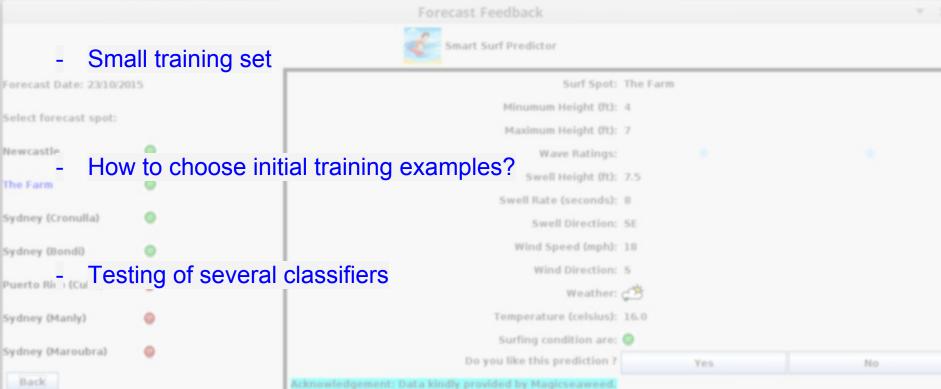
Sydney (Maroubra)

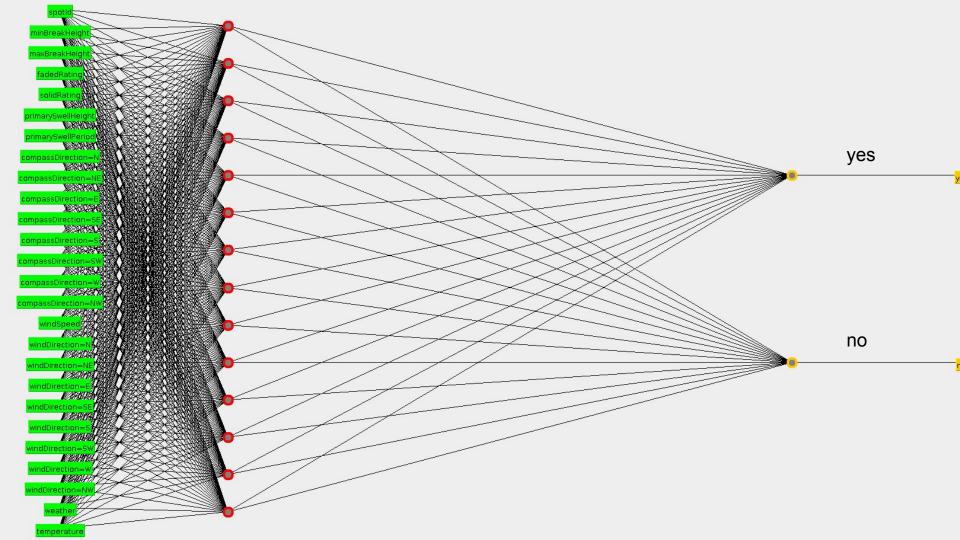


The Cycle of Intelligence









		Naive Bayes	SimpleLogistic	Multilayer Perceptron (NN)	RandomTree
	Correctly classified [%]	76.2	88.1	90.5	83
Forecast	Precision	0.79	0.88	0.91	0.84
Select for	Recall	0.76	0.88	0.91	0.83
Newcasti The Farm	F1-Measure	0.76	0.88	0.91	0.83
Sydney ((Time to build [s]	0	0.2	0.3	0

Acknowledgement: Data kindly provided by Magicseaweed.

Wind Speed (mph): 18

Temperature (celsius): 16.0 Surfing condition are:

Do you like this prediction ?

Wind Direction: S

Weather:

Yes

No

Dataset 3: 84 instances (42 yes / 42 no)

Testing: 10-fold cross-validation

Sydney (Bondi)

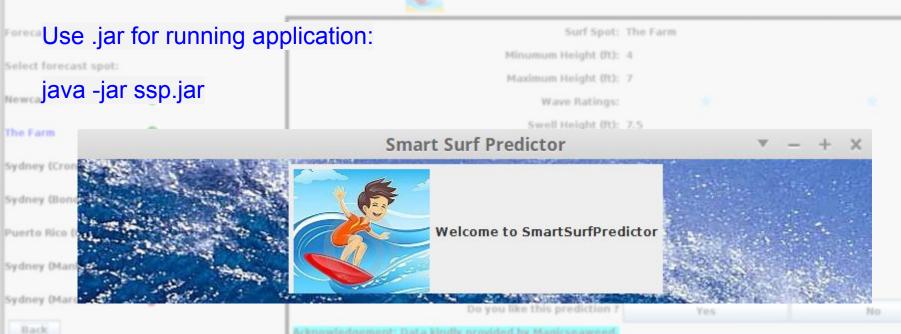
Sydney (Maroubra)

Back

How to join the club?

Forecast Feedback

https://github.com/mbbuehler/SmartSurfPredictor



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