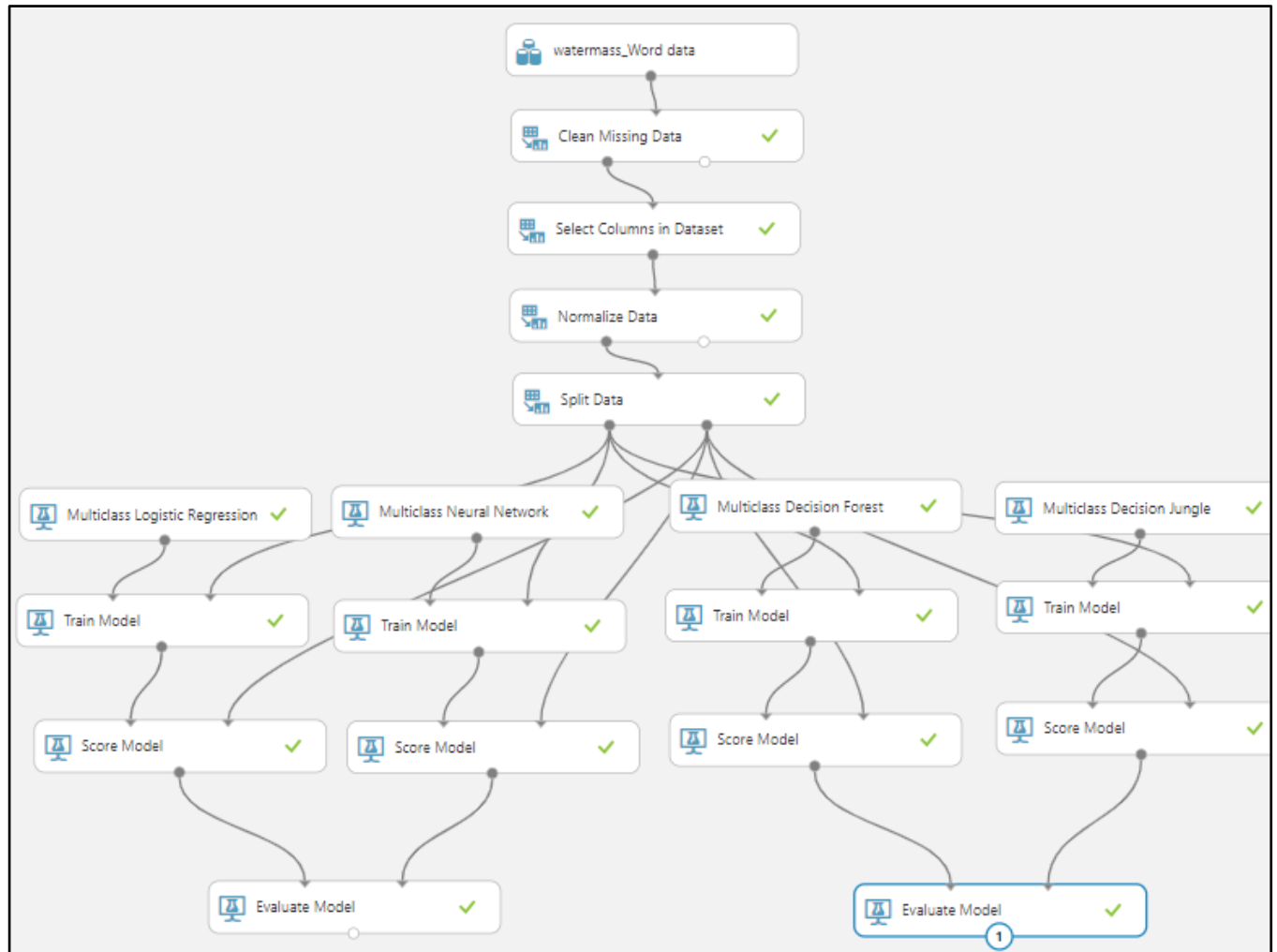


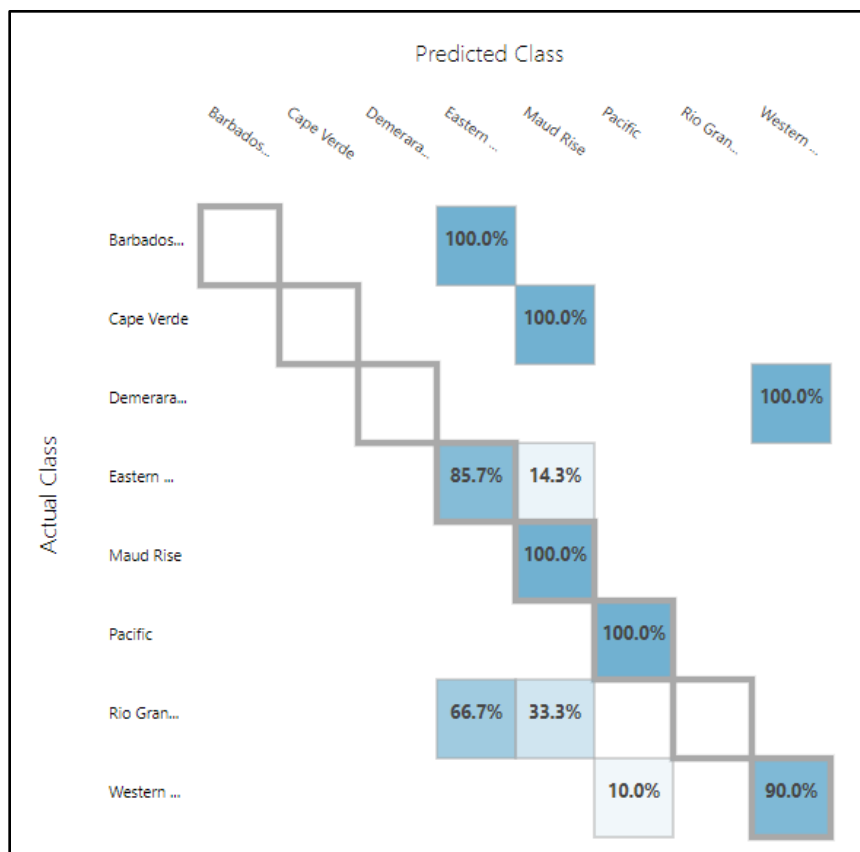
# Water Mass Classification using Chemical isotopes proxies by using Azure machine learning



## 1. Logistic regression algorithm:

### Metrics

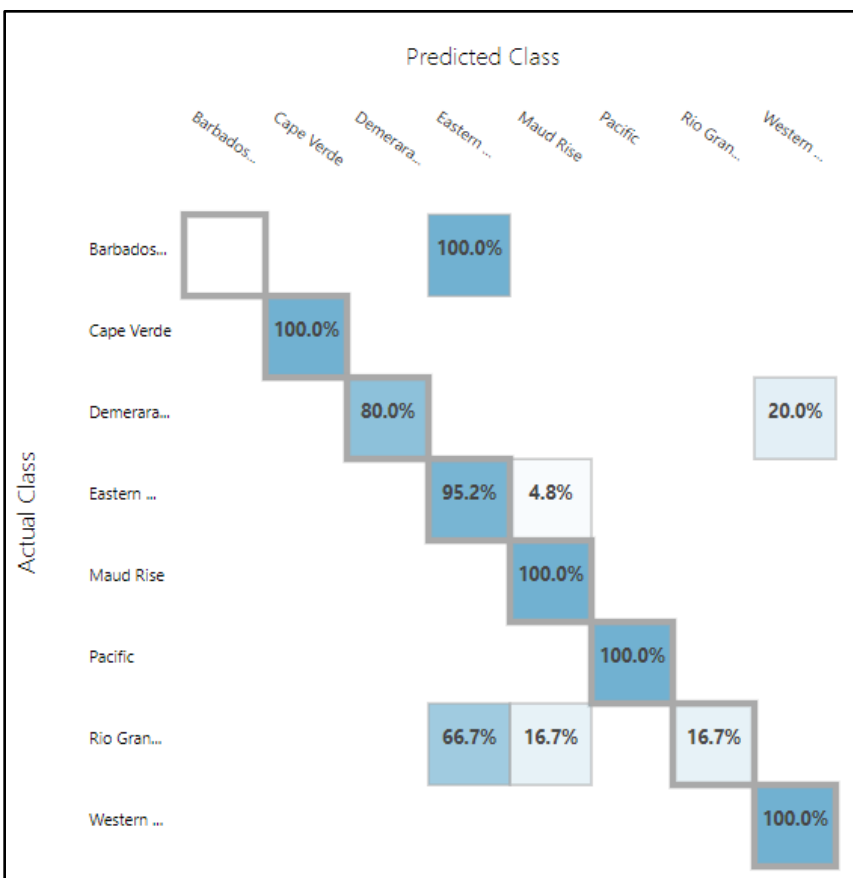
Overall accuracy	0.731343
Average accuracy	0.932836
Micro-averaged precision	0.731343
Macro-averaged precision	NaN
Micro-averaged recall	0.731343
Macro-averaged recall	0.469643



## 2. Neural Network algorithm:

## Metrics

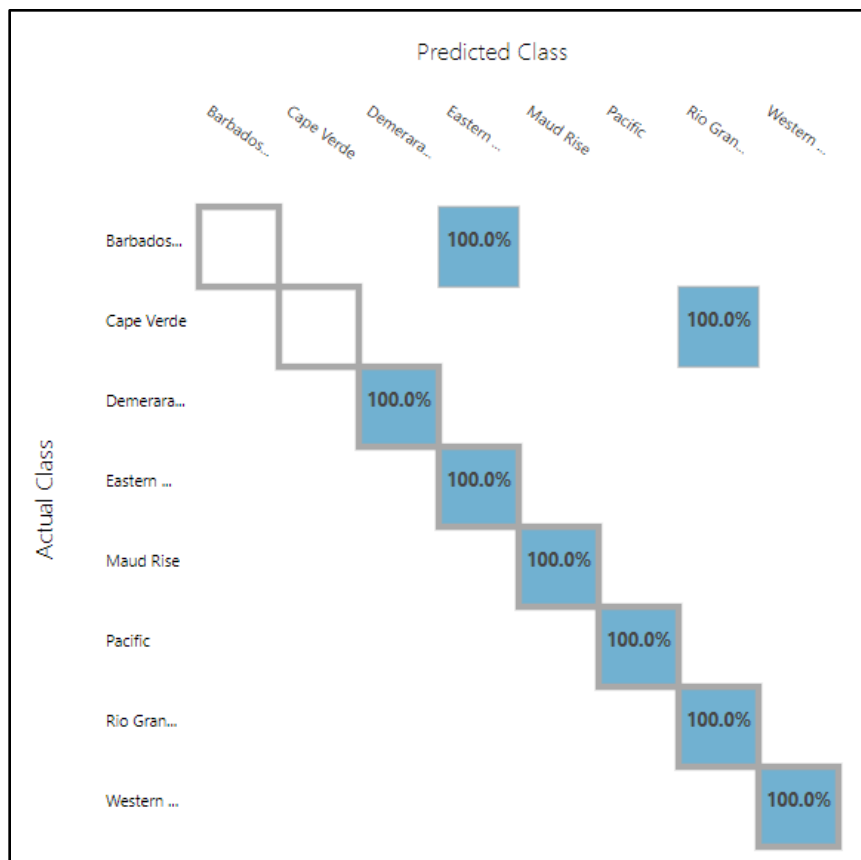
Overall accuracy	0.880597
Average accuracy	0.970149
Micro-averaged precision	0.880597
Macro-averaged precision	NaN
Micro-averaged recall	0.880597
Macro-averaged recall	0.739881



### 3. Random Forest algorithm:

## Metrics

Overall accuracy	0.955224
Average accuracy	0.988806
Micro-averaged precision	0.955224
Macro-averaged precision	NaN
Micro-averaged recall	0.955224
Macro-averaged recall	0.75



#### 4. Decision Jungle algorithm:

## Metrics

Overall accuracy	0.910448
Average accuracy	0.977612
Micro-averaged precision	0.910448
Macro-averaged precision	NaN
Micro-averaged recall	0.910448
Macro-averaged recall	0.683333

