

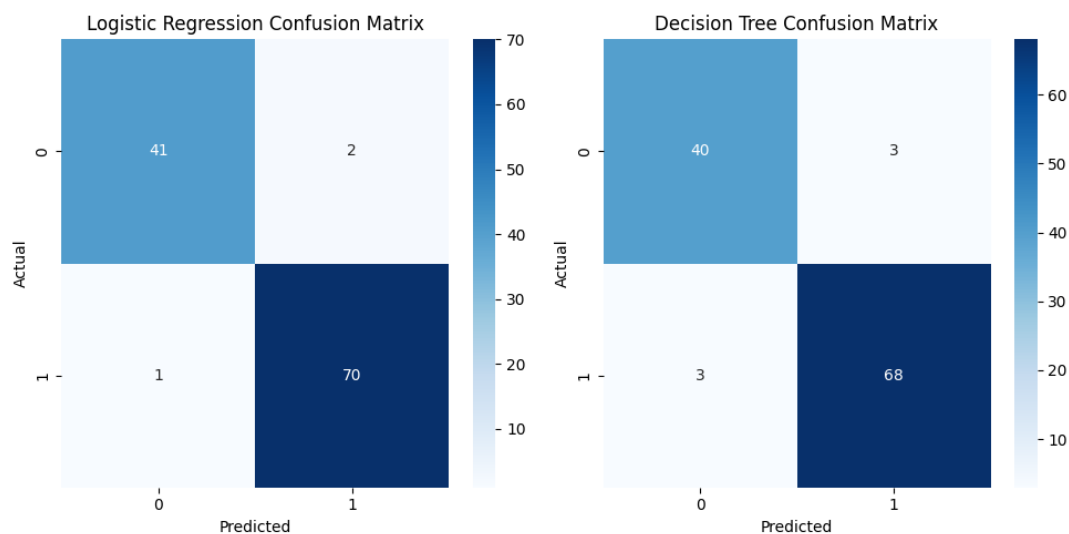
	mean radius	mean texture	mean perimeter	mean area	mean smoothness	...	worst concavity	worst concave points	worst symmetry	worst fractal dimension	target
0	17.99	10.38	122.80	1001.0	0.11840	...	0.7119	0.2654	0.4601	0.11890	0
1	20.57	17.77	132.90	1326.0	0.08474	...	0.2416	0.1860	0.2750	0.08902	0
2	19.69	21.25	130.00	1203.0	0.10960	...	0.4504	0.2430	0.3613	0.08758	0
3	11.42	20.38	77.58	386.1	0.14250	...	0.6869	0.2575	0.6638	0.17300	0
4	20.29	14.34	135.10	1297.0	0.10030	...	0.4000	0.1625	0.2364	0.07678	0
5	12.45	15.70	82.57	477.1	0.12780	...	0.5355	0.1741	0.3985	0.12440	0
6	18.25	19.98	119.60	1040.0	0.09463	...	0.3784	0.1932	0.3063	0.08368	0
7	13.71	20.83	90.20	577.9	0.11890	...	0.2678	0.1556	0.3196	0.11510	0
8	13.00	21.82	87.50	519.8	0.12730	...	0.5390	0.2060	0.4378	0.10720	0
9	12.46	24.04	83.97	475.9	0.11860	...	1.1050	0.2210	0.4366	0.20750	0

```

[10 rows x 31 columns]
Logistic Regression:
Accuracy: 0.9736842105263158
Precision: 0.9722222222222222
Recall: 0.9859154929577465
f1-score: 0.9790209790209791

Decision Tree:
Accuracy: 0.9473684210526315
Precision: 0.9577464788732394
Recall: 0.9577464788732394
f1-score: 0.9577464788732394

```



在評估指標上，logistic regression 皆略高於 decision regression，但是兩個模型的訓練結果都是不錯的

Confusion matrix 可以看到 decision regression 比較容易出現 FP 或是 FN，相較於 logistic regression 可能沒那麼適合做這個 breast cancer 的預測