Precision = 
$$\frac{TP}{TP+FP}$$
, Recall =  $\frac{TP}{TP+FN}$ , Fi-score =  $\frac{2 \times Precision \times Recall}{Precision + Precision +$ 

No	Actual	Predicted	Match
1	Airplane	Airplane	✓
2	Car	Boat	X
3	Car	Car	✓
4	Car	Car	✓
5	Car	Boat	X
6	Airplane	Boat	X
7	Boat	Boat	✓
8	Car	Airplane	X
9	Airplane	Airplane	✓
10	Car	Car	✓

For Air	o la se		Predicte	ed		Predicted			
FOC FILL	Diane	Airplane	Boat	Car	ŀ	tirplane	Boat	Car	
Actual	Airplane	TP	FN	FN	Airplane	2	1	0	
	Boot	FP	TN	TN	Actual Boat	0	ı	Ø	
	Car	FP	TN	TN	Car	i	2	3	

Label	Tp	FP	FN	Precision	Recall	F1-score	macro Fi-score	Weighted Fi-Score	Micro Fi-score
Airplane	2	ı	-	0.67	0.67	0-67	0-67+0-4+0.67	$0.67 \times \frac{3}{10} +$	TP- 2 (FP+F)
Boat	١	3	0	0.25	1	0.4	= 0.58	$0.4 \times \frac{1}{10} + 0.67 \times \frac{6}{10} =$	$= \frac{6}{6 + \frac{1}{2}(4 + 4)}$
Cor	3	O	3	1	0-5	0-67		0.64	= 0.6

Note: Micro-Precision, Micro-Tecall, Micro-Fiscore share the same values, with the occuracy.