

## Practice question on mean Average Precision

**Q1. Find the AP for class apple for the data given below**

**Ground Truth number of apples = 5**

**Predicted number of apples = 10**

Sr.	Probabilities	TP/FP
1	0.97	TP
2	0.92	TP
3	0.88	FP
4	0.79	FP
5	0.75	FP
6	0.70	TP
7	0.70	TP
8	0.69	FP
9	0.61	FP
10	0.60	TP

**Q2. Find the AP for the class Cat for the data given below**

**Ground truth number of cats = 3**

**Predicted number of cats = 7**

Sr	1	2	3	4	5	6	7
Prob	0.95	0.89	0.80	0.77	0.70	0.69	0.51
TP/FP	TP	FP	TP	FP	FP	TP	FP

**Q3. Find the AP for the class Faces for the data given below**

**Ground truth number of faces = 15**

**Predicted number of faces = 10**

<b>Sr</b>	1	2	3	4	5	6	7	8	9	10
<b>Prob</b>	0.95	0.91	0.85	0.81	0.78	0.68	0.57	0.45	0.43	0.13
<b>TP/FP</b>	TP	TP	TP	TP	TP	FP	TP	TP	FP	FP