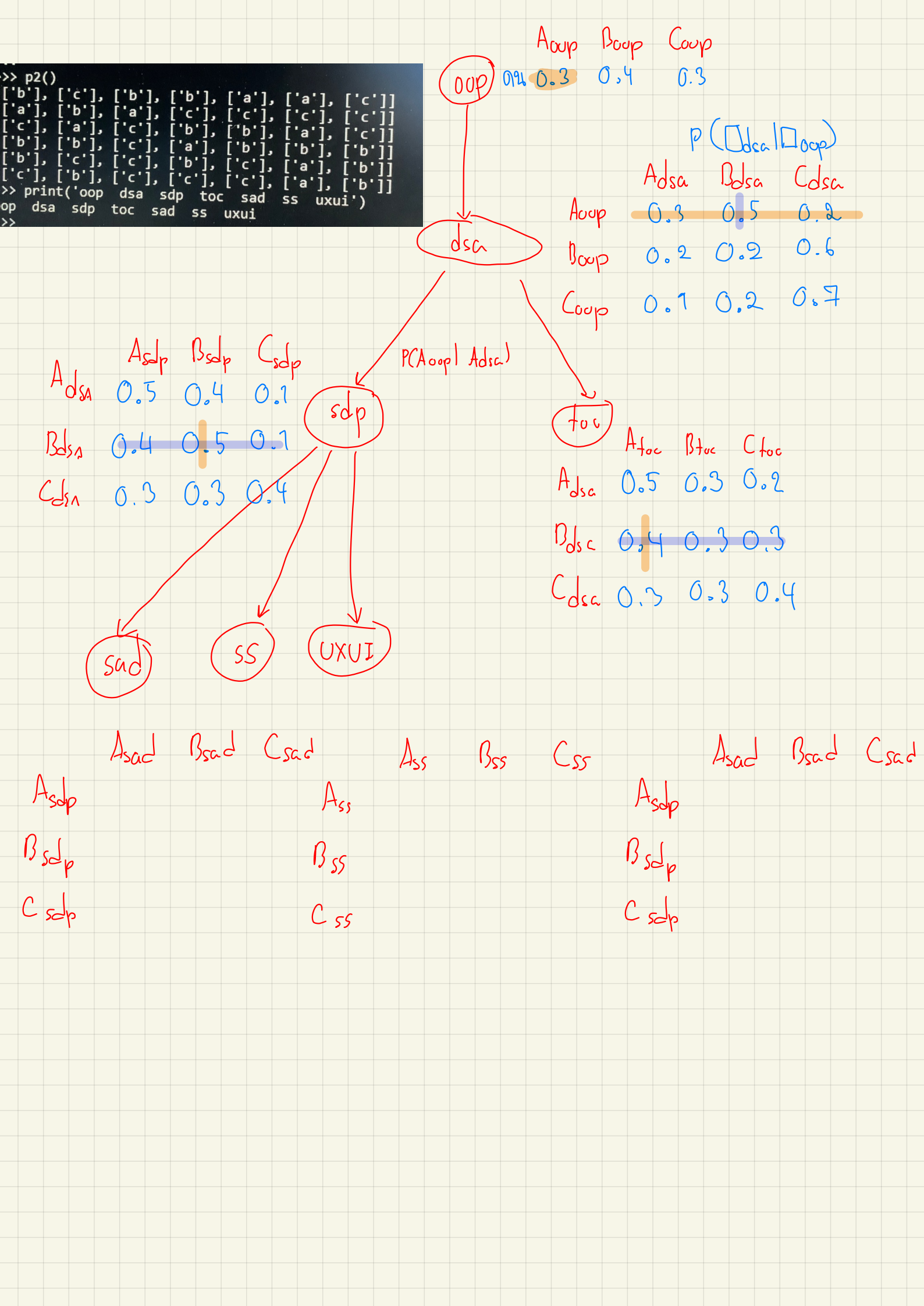
```
>> p2()
['b'], ['c'], ['b'], ['b'], ['a'], ['a'], ['c']]
['a'], ['b'], ['a'], ['c'], ['c'], ['c'], ['c']]
['c'], ['a'], ['c'], ['b'], ['b'], ['a'], ['c']]
['b'], ['b'], ['c'], ['a'], ['b'], ['b'], ['b']]
['b'], ['c'], ['c'], ['b'], ['c'], ['a'], ['b']]
['c'], ['b'], ['c'], ['c'], ['c'], ['a'], ['b']]
>> print('oop  dsa  sdp  toc  sad  ss  uxui')
op  dsa  sdp  toc  sad  ss  uxui
>>
```



Asad Bsad Csad

Asdp

Bsdp

Csdp

Ass Bss Css

Ass

Bss

Css

Asad Bsad Csad

Asdp

Bsdp

Csdp

$AA = \frac{2}{20}$

$AB = \frac{4}{20}$

$AC = 0$

$BA = \frac{2}{20}$

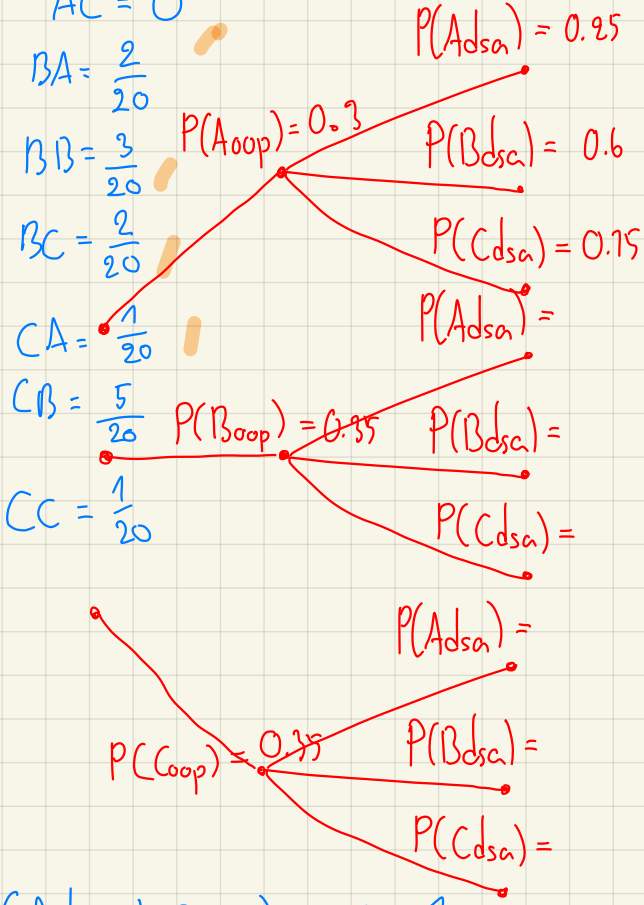
$BB = \frac{3}{20}$

$BC = \frac{2}{20}$

$CA = \frac{1}{20}$

$CB = \frac{5}{20}$

$CC = \frac{1}{20}$



$P(Adsa|Coop) = \frac{1}{20} \cdot \frac{100}{35} \cdot 5 = \frac{1}{7}$

$A = 0.14$

$B = \frac{5}{20} \times \frac{100}{35} \cdot 5 = \frac{5}{7}$

$= 0.71$

$P(Adsa|Aoop) = \frac{P(Adsa \cap Aoop)}{P(Aoop)}$

$= \frac{2}{20} \times \frac{10}{3}$

$= 0.5$

$P(Bdsa|Aoop) = \frac{P(Bdsa \cap Aoop)}{P(Aoop)}$

$= \frac{2}{20} \times \frac{10}{3}$

$= 0.5$

$P(Cdsa|Aoop) = \frac{P(\square)}{0.3}$

$= \frac{0}{0.3}$

0

$C = 0.(\square$

$\frac{P(Adsa|Boop)\,P(Boop)}{P(Adsa)} = \frac{0.05 \times 0.35}{0.25}$

$= \frac{0.14}{5}$

A A
B A
C B
A B
A B
B B
B C
C B
A A
C A
C C
C B
A B
C B
B B
B A
A B
B C
C B
B B

$AA = \frac{2}{20}$

$AB = \frac{4}{20}$

$AC = 0$

$BA = \frac{2}{20}$

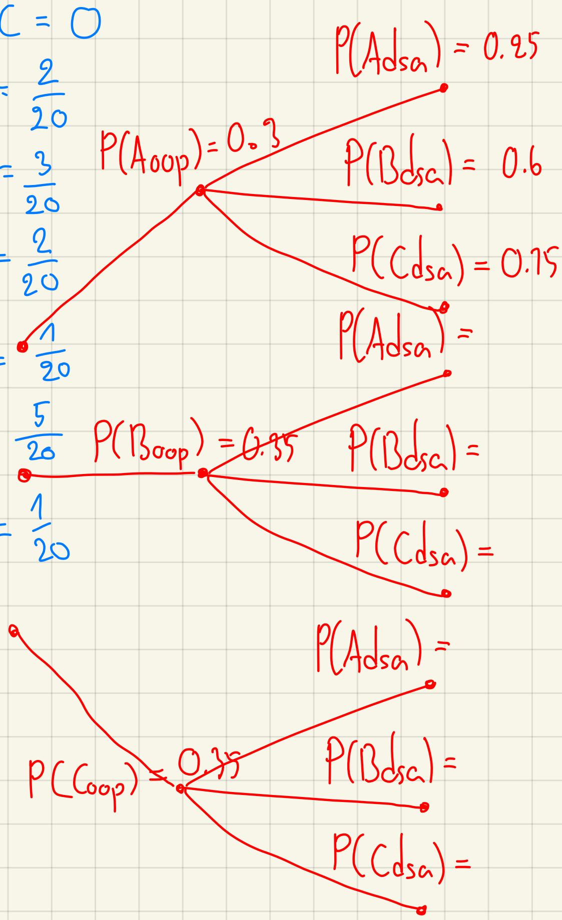
$BB = \frac{3}{20}$

$BC = \frac{2}{20}$

$CA = \frac{1}{20}$

$CB = \frac{5}{20}$

$CC = \frac{1}{20}$



เปลอกร

$\frac{2}{20} \times \frac{100}{25} = 0.4$ $\quad 0.5 \times 0.3 \times \frac{100}{25}$ $\quad 0.1$

$P(Aoop \mid Adsa) = \frac{P(Aoop \cap Adsa)}{0.25}$

$P(Boop \mid Adsa) = \frac{2}{20} \times \frac{100}{25} = 0.4$ $\quad \frac{P(Adsa \mid Boop) P(Boop)}{0.25} = 0.07$

$P(Coop \mid Adsa) = \frac{1}{20} \times \frac{100}{25} = 0.2$ $\quad \frac{\frac{1}{20} \; 0.35}{0.25}$ $\quad 0.07$

รูปปกติ → ทำการเทรน seal model → ได้ seal model

└→ ได้รูปมาสก์ (mask image)

↓

ทำการเทรน model image classification

↓

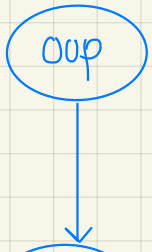
ได้ classification model

ตอนทำนาย

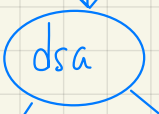
รูปภาพ (เข้า) → seal model → mask image (เข้า) → classifier → จะ ได้ผลลัพธ์

└→ เอา mask image ไปเทียบ กับรูปจริง

└→ ใช้ opencv ตัดแยกส่วน

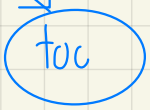


A_{oop}	B_{oop}	C_{oop}
0.3	0.4	0.3

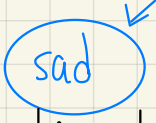


	A_{dsa}	B_{dsa}	C_{dsa}
A_{oop}	0.4	0.3	0.3
B_{oop}	0.3	0.5	0.2
C_{oop}	0.1	0.3	0.6

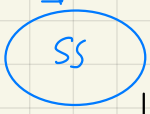
	A_{sdp}	B_{sdp}	C_{sdp}
A_{dsa}	0.5	0.4	0.7
B_{dsa}	0.4	0.5	0.7
C_{dsa}	0.3	0.3	0.4



	A_{toc}	B_{toc}	C_{toc}
A_{dsa}	0.5	0.3	0.2
B_{dsa}	0.4	0.5	0.7
C_{dsa}	0.3	0.5	0.2



	A_{sdp}	B_{sdp}	C_{sdp}
A_{sad}	0.3	0.5	0.2
B_{sad}	0.2	0.5	0.3
C_{sad}	0.1	0.3	0.6



	A_{ss}	B_{ss}	C_{ss}
A_{sdp}	0.3	0.4	0.3
B_{sdp}	0.2	0.3	0.5
C_{sdp}	0.1	0.4	0.5

	A_{uxui}	B_{uxui}	C_{uxui}
A_{sdp}	0.3	0.3	0.4
B_{sdp}	0.2	0.5	0.3
C_{sdp}	0.1	0.4	0.5