

7
(1292)

	רעני	רעני	
0.7	0.1	0.6	רעני
0.3	0.1	0.2	רעני
1	0.2	0.8	

$$P(\text{רעני} | \text{רעני}) = 1 - P(\text{רעני} | \text{רעני}) = 1 - 0.1 = 0.9$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.8}{0.9} = \frac{8}{9}$$

$$P(\text{רעני} | \text{רעני}) = 1 - P(\text{רעני} | \text{רעני}) = 1 - 0.6 = 0.4 \rightarrow P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.4}{0.4} = 1$$

8
(1292)

	רעני	רעני	
2/5	3/10	1/10	רעני
3/5	1/10	1/2	רעני
1	4/5	3/5	

$$P(\text{רעני} | \text{רעני}) = 1 - P(\text{רעני} | \text{רעני}) = 1 - \frac{1}{10} = 0.9$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.1}{0.9} = \frac{1}{9}$$

9
(1292)

	רעני	רעני	
0.8	0.35	0.45	רעני
0.2	0.05	0.15	רעני
1	0.4	0.6	

$$P(\text{רעני} | \text{רעני}) = 0.95 = 1 - P(\text{רעני} | \text{רעני}) \Rightarrow P(\text{רעני} | \text{רעני}) = 0.05$$

$$P(\text{רעני} | \text{רעני}) = P(\text{רעני} | \text{רעני}) + P(\text{רעני} | \text{רעני}) = 0.5$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.35}{0.5} = 0.7$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני}) + P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.15 + 0.45}{0.95} = \frac{12}{19}$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני}) + P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.15 + 0.35}{1 - 0.45} = \frac{10}{11}$$

10
(1292)

	רעני	רעני	
450	200	5/12	רעני
600	600	1/20	רעני
1	3/15	7/15	

$$P(\text{רעני} | \text{רעני}) = 1 - P(\text{רעני} | \text{רעני}) = 1 - \frac{480}{600} = \frac{1}{5}$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{200}{600} = \frac{2}{3}$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{5/12}{1 - 1/5} = \frac{25}{48}$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{200}{600 + \frac{1}{20}} = \frac{23}{35}$$

11
(1293)

	רעני	רעני	
0.85	0.4	0.45	רעני
0.15	0.1	0.05	רעני
1	0.5	0.5	

$$P(\text{רעני} | \text{רעני}) = 0.05$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{0.05}{0.15} = \frac{1}{3}$$

12
(1293)

	רעני	רעני	
29	4/12	2/5	רעני
31	1/4	1/15	רעני
1	1/3	2/3	

$$P(\text{רעני} | \text{רעני}) = \frac{4}{15}$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{4/15}{2/60} = \frac{16}{31}$$

$$P(\text{רעני} | \text{רעני}) = \frac{P(\text{רעני} \cap \text{רעני})}{P(\text{רעני})} = \frac{1/4}{1/3} = \frac{3}{4}$$

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