|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Length | Diameter | Height | Whole weight | Shucked weight | Viscera weight | Shell weight | Rings |
| 0.21 | 0.15 | 0.05 | 0.042 | 0.0175 | 0.0125 | 0.015 | 4 |
| 0.245 | 0.19 | 0.06 | 0.086 | 0.042 | 0.014 | 0.025 | 4 |
| 0.17 | 0.13 | 0.095 | 0.03 | 0.013 | 0.008 | 0.01 | 4 |
| 0.225 | 0.16 | 0.045 | 0.0465 | 0.025 | 0.015 | 0.015 | 4 |
| 0.13 | 0.1 | 0.03 | 0.013 | 0.0045 | 0.003 | 0.004 | 3 |
| 0.11 | 0.09 | 0.03 | 0.008 | 0.0025 | 0.002 | 0.003 | 3 |
| 0.245 | 0.195 | 0.06 | 0.095 | 0.0445 | 0.0245 | 0.026 | 4 |
| 0.28 | 0.21 | 0.085 | 0.1065 | 0.039 | 0.0295 | 0.03 | 4 |
| 0.2 | 0.145 | 0.06 | 0.037 | 0.0125 | 0.0095 | 0.011 | 4 |
| 0.21 | 0.15 | 0.05 | 0.0385 | 0.0155 | 0.0085 | 0.01 | 3 |

ข้อมูลตัวอย่าง

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0.19 | 0.14 | 0.03 | 0.0315 | 0.0125 | 0.005 | 0.0105 | ?(3) |

P(Ring=3|Length=0.19, Diameter=0.14, Height=0.03, Whole weight=0.0315, Shucked weight=0.0125, Viscera weight=0.005, Shell weight=0.0105) = ?

P(Ring=4|Length=0.19, Diameter=0.14, Height=0.03, Whole weight=0.0315, Shucked weight=0.0125, Viscera weight=0.005, Shell weight=0.0105) = ?

P(Ring=3) = 0.3

P(Ring=4) = 0.7

Length (0.19)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(length=0.19|Ring=3) = = 5.67

P(length=0.19|Ring=4) =

Diameter (0.14)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(Diameter=0.14|Ring=3) =

P(Diameter=0.14|Ring=4) =

Height (0.03)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(Height=0.03|Ring=3) =

P(Height=0.03|Ring=4) =

Whole weight (0.0315)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(Whole weight=0.0315|Ring=3) =

P(Whole weight=0.0315|Ring=4) =

Shucked weight (0.0125)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(Shucked weight=0.0125|Ring=3) =

P(Shucked weight=0.0125|Ring=4) =

Viscera weight (0.005)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(Viscera weight=0.005|Ring=3) =

P(Viscera weight=0.005|Ring=4) =

Shell weight (0.0105)

Ring = 4 : ค่าเฉลี่ย =

σ2 =

Ring = 3 : ค่าเฉลี่ย =

σ2 =

P(Shell weight=0.0105|Ring=3) =

P(Shell weight=0.0105|Ring=4) =

P(Ring=3|Length=0.19, Diameter=0.14, Height=0.03, Whole weight=0.0315, Shucked weight=0.0125, Viscera weight=0.005, Shell weight=0.0105)

= P(Shell weight=0.0105|Ring=3) \* P(Viscera weight=0.005|Ring=3) \* P(Shucked weight=0.0125|Ring=3) \* P(Whole weight=0.0315|Ring=3) \* P(Height=0.03|Ring=3) \* P(Diameter=0.14|Ring=3) \* P(length=0.19|Ring=3) \* P(Ring=3)

=

P(Ring=4|Length=0.19, Diameter=0.14, Height=0.03, Whole weight=0.0315, Shucked weight=0.0125, Viscera weight=0.005, Shell weight=0.0105)

= P(Shell weight=0.0105|Ring=4) \* P(Viscera weight=0.005|Ring=4) \* P(Shucked weight=0.0125|Ring=4) \* P(Whole weight=0.0315|Ring=4) \* P(Height=0.03|Ring=4) \* P(Diameter=0.14|Ring=4) \* P(length=0.19|Ring=4) \* P(Ring=4)

=