Cau 1. Cho trap dir lieu thu thap duqc giña 2 bién X va Y nhu sau:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| X | 9.1 | 4.5 | 5.3 | 6.7 | 6.5 | 7.0 | 6.0 | 5.5 | 7.0 | 7.0 | 8.5 | 8.6 |
| Y | 8.5 | 5.5 | 6.0 | 7.5 | 8.5 | 6.0 | 6.5 | 6.8 | 9.0 | 7.2 | 8.0 | 8.5 |

1. Hay xac dinh cac gia tri trung binh, trung vi, mode eta X va Y.
2. Ve biéu dfi Boxplot cua Y.

# Hay chuan hoa gia tri eta Y vé dang chuan z-score.

1. Hay lâm tron dir lieu ban dau cua X bang phuong phap ldni tron thing tlieo trung binh (bin means), trong do viec phâu chia thung theo chiéu rong (Equal-width) vñi so thung la 3.
2. Xac dinh moi tuong quan giâa X va Y.

# Cau 2. Cho trap dir lieu sau:

|  |  |
| --- | --- |
| ID | Items |
| T1 | I6, II, I3 |
| T2 | 11, I2, I4, 15, I3 |
| T3 | 13, I2, I5 |
| T4 | I6, I7 |
| T5 | 11, I3, I2, 14, I5 |

1. Gia st ngu0ng cua do ho try (nunimum support) Id 60%. Sir dung thuat toân Apriori tlln tat ca cac trap dfii tiring thu0ng xuyén.

# Gia st ugirñng cua dfi ho try la 60%, ugirñng eta do tin clay (minimum confidence) la 75%. TO tap dâ lieu tréu hay xac dinh cac lu{at két hpp