|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  | Transaction ID | Product ID |  |
|  | 11231 | IA45Y |  |
|  | 11231 | DDD7M |  |
|  | 11231 | BDR5U0 |  |
|  | 11231 | KLYT6 |  |
|  | 11232 | TTR45H |  |
|  | 11232 | HJL9B |  |
|  | 11232 | DDD7M |  |
|  | 11232 | IA45Y |  |
|  | 11232 | BDR5U0 |  |
|  | 11232 | KLYT6 |  |
|  | 11233 | KLYT6 |  |
|  | 11233 | IA45Y |  |
|  | 11233 | DDD7M |  |
|  | 11234 | KLYT6 |  |
|  | 11234 | BDR5U0 |  |
|  | 11235 | DDD7M |  |
|  | 11235 | KLYT6 |  |
|  | 11235 | BDR5U0 |  |
|  | 11235 | IA45Y |  |
|  |  |  |  |

**1.** **(2 pts.)** What is the **support** and **confidence** for the rule **BDR5U0 ==> DDD7M** ?

**2. (2 pts.)** What is the **support** and **confidence** of the rule **KLYT6 ==> IA45Y** ?

**3. (2 pts.)** What is the **expected confidence** of the rules **BDR5U0 ==> DDD7M** and **KLYT6 ==> IA45Y** ?

**4. (2 pts.)** What is the **lift** of the rules **BDR5U0 ==> DDD7M** and **KLYT6 ==> IA45Y** ?

**5. (2 pts.)** Given the **lift** of the rules, what can we say about the **correlation** between the products they involve?

items KLYT6 and IA45Y.