Task 1: Decision table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Conditions | Decision Rules | | | |
| 1 | 2 | 3 | 4 |
| Non - Food Item | Y | - | N | Y |
| Coupon | - | Y | - | - |
| > 5 Items of the product type | N | - | Y | - |
| > 10 items of the product type | N | - | N | Y |
| Actions | | | | |
| Add product price | X | X | X | X |
| Add sales Tax | X |  |  |  |
| Discount coupon amount from Product price |  | X |  |  |
| Apply bulk rate |  |  | X | X |

Task 2: Decision Tree

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Conditions | | |  | Actions |
|  | Sales Activities | Inventory Level | Perishability |  | Order Quantity |
|  |  |  |  |  |  |
|  |  |  | Perishable |  | -15% |
|  |  | High |  |  |  |
|  |  |  | Non- Perishable | | -15% |
|  | Slow |  |  |  |  |
|  |  |  | Perishable |  | no change |
|  |  | Low |  |  |  |
|  |  |  | Non- Perishable | | no change |
|  |  |  |  |  |  |
|  |  |  | Perishable |  | + 0% |
|  |  | High |  |  |  |
|  |  |  | Non- Perishable | | + 5% |
|  | Fast |  |  |  |  |
|  |  |  | Perishable |  | + 5% |
|  |  | Low |  |  |  |
|  |  |  | Non- Perishable | | + 15% |