Nama : Firman Ali Fahmi

NIM :17.52.0004

1. Membuat dataset 30 record
2. Data Set

|  |  |  |  |
| --- | --- | --- | --- |
| **Day** | **Discount** | **Free Delivery** | **Purchase** |
| Weekday | Yes | Yes | Yes |
| Weekday | Yes | Yes | Yes |
| Weekday | No | No | No |
| Holiday | Yes | Yes | Yes |
| Weekday | Yes | Yes | Yes |
| Holiday | No | No | No |
| Weekend | Yes | No | Yes |
| Weekday | Yes | Yes | Yes |
| Weekend | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |
| Holiday | No | Yes | Yes |
| Holiday | No | No | No |
| Weekend | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |
| Weekday | Yes | Yes | Yes |
| Weekday | Yes | Yes | Yes |
| Weekday | Yes | No | Yes |
| Weekend | Yes | No | Yes |
| weekday | Yes | Yes | Yes |
| weekday | Yes | Yes | Yes |
| Weekend | Yes | Yes | Yes |
| weekday | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |
| Weekend | No | Yes | Yes |
| Weekend | No | Yes | Yes |
| Weekend | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |
| Holiday | Yes | Yes | Yes |

1. Freequency Tabel

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Frequency Table | | Buy | |  |
| yes | no |  |
| Discount | yes | 19 | 1 | 20 |
| no | 5 | 5 | 10 |
|  |  | 24 | 6 | 30 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Frequency Table | | Buy | |  |
| yes | no |  |
| Free Delivery | yes | 21 | 2 | 23 |
| no | 3 | 4 | 7 |
|  |  | 24 | 6 | 30 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Frequency Table | | Buy | |  |
| yes | no |  |
| Day | Weekday | 9 | 2 | 11 |
| weekend | 7 | 1 | 8 |
| Holiday | 8 | 3 | 11 |
|  |  | 24 | 6 | 30 |

Likelihood Tabel

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| likelihood Table | | Buy | |  |
| yes | no |  |
| Discount | yes | 19/24 | 1/6 | 20/30 |
| no | 5/24 | 5/6 | 10/30 |
|  |  | 24/30 | 6/30 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Likelihood Table | | Buy | |  |
| yes | no |  |
| Free Delivery | yes | 21/24 | 2/6 | 23/30 |
| no | 3/24 | 4/6 | 7/30 |
|  |  | 24/30 | 6/30 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Likelihood Table | | Buy | |  |
| yes | no |  |
| Day | Weekday | 9/24 | 2/6 | 11/30 |
| weekend | 7/24 | 1/6 | 8/30 |
| Holiday | 8/24 | 3/6 | 11/30 |
|  |  | 24/30 | 6/30 |  |

1. Menghitung Probability

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| --- |
| 1. **P(Buy|day = weekday, Freedelivery = yes, Discount= yes** |
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| 1. **P(Buy|day = weekday, Freedelivery = no, Discount= no** |
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|  |
| 1. **P(not buy|day = weekday, free delivery = yes, discount= yes)** |
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| 1. **P(not buy| day= weekday, freedelivery = no, discount = no)** |
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| 1. **P (buy|day = weekend, freedelivery= yes, discount = yes)** |
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| 1. **P(buy|day= weekend, = no, discount= no)** |
|  |
|  |
|  |
|  |
| 1. **P(not buy|day= weekend, = yes, discount,= yes)** |
|  |
|  |
|  |
|  |
| 1. **p(not buy|day= weekend, freedelivery= no, discount = no)** |
|  |
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