Nama : Syahrul Raiyan Hammada Hafidz

NIM : A11.2022.14080

Kelompok : A11.4509

Penambangan Data

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **outlook** | **temperature** | **humidity** | **windy** | **play** |
| Sunny | Hot | High | No | Don’t Play |
| Sunny | Hot | High | Yes | Don’t Play |
| Cloudy | Hot | High | No | Play |
| Rainy | Mild | High | No | Play |
| Rainy | Cool | Normal | No | Play |
| Rainy | Cool | Normal | Yes | Play |
| Cloudy | Cool | Normal | Yes | Play |
| Sunny | Mild | High | No | Don’t Play |
| Sunny | Cool | Normal | No | Play |
| Rainy | Mild | Normal | No | Play |
| Sunny | Mild | Normal | Yes | Play |
| Cloudy | Mild | High | Yes | Play |
| Cloudy | Hot | Normal | No | Play |
| Rainy | Mild | High | Yes | Don’t Play |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PERHITUNGAN NODE 1** | |  |  |  |  |  |
|  |  | **jml kasus** | **Don't Play** | **Play** | **Entrophy** | **Gain** |
| **total** |  | 14 | 4 | 10 | 0,863121 |  |
| **outlook** |  |  |  |  |  | 0,258521 |
|  | Sunny | 5 | 3 | 2 | 0,970951 |  |
|  | Rainy | 5 | 1 | 4 | 0,721928 |  |
|  | Cloudy | 4 | 0 | 4 | 0 |  |
| **temp** |  |  |  |  |  | 0,183851 |
|  | Hot | 4 | 2 | 2 | 1 |  |
|  | Mild | 6 | 2 | 4 | 0,918296 |  |
|  | Cool | 4 | 0 | 4 | 0 |  |
| **humidity** |  |  |  |  |  | 0,370507 |
|  | High | 7 | 4 | 3 | 0,985228 |  |
|  | Normal | 7 | 0 | 7 | 0 |  |
| **windy** |  |  |  |  |  | 0,005978 |
|  | No | 8 | 2 | 6 | 0,811278 |  |
|  | Yes | 6 | 2 | 4 | 0,918296 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PERHITUNGAN NODE 1.1** | |  |  |  |  |  |
| **Humidity High** | | **jml kasus** | **Don't Play** | **Play** | **Entrophy** | **Gain** |
| **total** |  | 7 | 4 | 3 | 0,985228 |  |
| **outlook** |  |  |  |  |  | 0,699514 |
|  | Sunny | 3 | 3 | 0 | 0 |  |
|  | Rainy | 2 | 1 | 1 | 1 |  |
|  | Cloudy | 2 | 0 | 3 | 0 |  |
| **temp** |  |  |  |  |  | 0,020244 |
|  | Hot | 3 | 2 | 1 | 0,918296 |  |
|  | Mild | 4 | 2 | 2 | 1 |  |
|  | Cool | 0 | 0 | 0 | 0 |  |
| **windy** |  |  |  |  |  | 0,020244 |
|  | No | 4 | 2 | 2 | 1 |  |
|  | Yes | 3 | 2 | 1 | 0,918296 |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **PERHITUNGAN NODE 1.1.2** | |  |  |  |  |  |
| **Humidity High and Outlook Rainly** | | **jml kasus** | **Don't Play** | **Play** | **Entrophy** | **Gain** |
| **total** |  | 2 | 1 | 1 | 1 |  |
| **temp** |  |  |  |  |  | 0 |
|  | Hot | 0 | 0 | 0 | 0 |  |
|  | Mild | 2 | 1 | 1 | 1 |  |
|  | Cool | 0 | 0 | 0 | 0 |  |
| **windy** |  |  |  |  |  | 1 |
|  | No | 1 | 0 | 1 | 0 |  |
|  | Yes | 1 | 1 | 0 | 0 |  |

