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| **Peserta** | **Berat Badan** | **Training Center** | **Kategori** | **Kesimpulan** |
| 1 | Ringan | Teknik | Randori | Lulus |
| 2 | Ringan | Fisik | Embu | Tidak Lulus |
| 3 | Ringan | Fisik | Randori | Tidak Lulus |
| 4 | Ringan | Pemantapan | Randori | Lulus |
| 5 | Menengah | Teknik | Randori | Lulus |
| 6 | Menengah | Fisik | Embu | Tidak Lulus |
| 7 | Menengah | Pemantapan | Embu | Lulus |
| 8 | Menengah | Pemantapan | Randori | Lulus |
| 9 | Berat | Teknik | Embu | Lulus |
| 10 | Berat | Teknik | Randori | Tidak Lulus |
| 11 | Berat | Fisik | Randori | Tidak Lulus |
| 12 | Berat | Pemantapan | Embu | Lulus |

Entropi S[7+ , 5-] |S| = 12

- 7/12 (log2 7/12) - 5/12(log2 5/12) = 0979

* Berat Badan (Ringan , mengengah , Berat)

Sringan [2+ , 2-] |S| = 4 , Entropi (Sringan) = -2/4 (log2 2/4) - 2/4 (log2 2/4) = 1

Smenengah [3+ , 1-] |S| = 4 , Entropi (Smenengah) = -3/4(log2 3/4) - 1/4(log2 1/4) = 0.811

Sberat [2+ , 2-] |S| = 4 , Entropi (Sberat ) = -2/4(log2 2/4) - 2/4 (log2 2/4) = 1

Gain [S , Berat Badan] = 0,042

* Training Center (Fisik , Teknik , Pemantapan)

Sfisik [0+ , 4-] |S| = 4 , Entropi (Sfisik) = -0/4 (log2 0/4) – 4/4(log2 4/4 ) = 0

STeknik [3+ , 1-] |S| = 4, Entropi (Steknik) = -3/4 (log2 3/4) – 1/4(log2 3/4) = 0,811

Spemantapan [4+ , 0-] |S| = 4 , Entropi (Spemantapan) = -4/4(log2 4/4) - 0/4 (log2 0/4) = 0

Gain [S , Training Center] = 0.708

* Kategori (Embu , Randori )

Sembu [3+ , 2-] |S| = 5 , Entropi (Sembu) = -3/4 (log2 3/4) – 2/4 (log2 2/4) = 0.811

Srandori [4+ , 3-] |S| = 7 , Entropi(Sramdori) = -4/7 (log2 4/7) – 3/7 (log2 3/7) = 0.985

Gain [S , Kategori] = 0.066

* Teknik\_Berat Badan

Sringan [1+ , 0-] |S|= 1 , Entropi(Sringan) = -1/1 (log2 1/1) – 0/1 (log2 0/1) = 0

Smenengah [1+ , 0-] |S| = 1 , Entropi(Smenengah) = -1/1 (log2 1/1) – 0/1 (log2 0/1) = 0

Sberat [1+ , 1-] |S| = 2 , Entropi(Sberat) = -1/2 (log2 1/2) - 1/2 (log2 1/2) = 1

Gain [S , Teknik\_Berat Badan] = 0.311

* Teknik\_Kategori

Sembu [1+ , 0-] |S| =1 , Entropi (Sembu) = -1/1 (log2 1/1) – 0/1 (log2 0/1) = 0

Srandori [2+ , 1] |S| =3 , Entropi (Srandori) = -2/3 (log2 2/3) – 1/3 (log2 1/3) = 0.918

Gain [S , Teknik\_Kategori] = 0.122



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| **Data Uji** | | | | |
| **Peserta** | **Berat Badan** | **Training Center** | **Kategori** | **Kesimpulan** |
| 13 | Ringan | Teknik | Embu | Lulus |
| 14 | Ringan | Pemantapan | Embu | Lulus |
| 15 | Menengah | Teknik | Embu | Lulus |
| 16 | Menengah | Fisik | Randori | Tidak Lulus |
| 17 | Berat | Fisik | Embu | Tidak Lulus |
| 18 | Berat | Pemantapan | Randori | Lulus |