| ſ |   |     |             |     |    |    |    |    |    |    |     |     |     |    |          |    |    |     |    |     |     |    |    |    |    |    |    |    |      |    |    |    |    |    |
|---|---|-----|-------------|-----|----|----|----|----|----|----|-----|-----|-----|----|----------|----|----|-----|----|-----|-----|----|----|----|----|----|----|----|------|----|----|----|----|----|
| l |   |     | Jai         | nua | ry |    |    |    |    |    | Fe  | bru | ary |    |          |    |    |     |    | Ma  | rch |    |    |    |    |    |    | A  | oril |    |    |    |    |    |
|   |   |     | М           | Т   | W  | Т  | F  | S  | S  |    | М   | Т   | W   | Т  | F        | S  | S  |     |    | М   | Т   | W  | Т  | F  | S  | S  |    | М  | Т    | W  | Т  | F  | S  | S  |
| ı |   | 1   | 30          | 31  | 1  | 2  | 3  | 4  | 5  | 5  | 27  | 28  | 29  | 30 | 31       | 1  | 2  |     | 9  | 24  | 25  | 26 | 27 | 28 | 1  | 2  | 14 | 31 | 1    | 2  | 3  | 4  | 5  | 6  |
| t |   | 2   | 6           | 7   | 8  | 9  | 10 | 11 | 12 | 6  | 3   | 4   | 5   | 6  | 7        | 8  | 9  |     | 10 | 3   | 4   | 5  | 6  | 7  | 8  | 9  | 15 | 7  | 8    | 9  | 10 | 11 | 12 | 13 |
|   |   | 3   | 13          | 14  | 15 | 16 | 17 | 18 | 19 | 7  | 10  | 11  | 12  | 13 | 14       | 15 | 16 |     | 11 | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 16 |    | 15   | 16 | 17 | 18 | 19 | 20 |
|   |   | 4   | 20          | 21  | 22 | 23 | 24 | 25 | 26 |    | 17  | 18  | 19  | 20 | 21       | 22 | 23 |     | 12 | 17  | 18  | 19 | 20 | 21 | 22 | 23 | 17 |    | 22   | 23 | 24 | 25 | 26 | 27 |
|   |   | 5   | 27          | 28  | 29 | 30 | 31 | 1  | 2  | 9  | 2-4 | 25  | 26  | 27 | 28       | 1  | 2  |     | 13 | 24  | 25  | 26 | 27 | 28 | 29 | 30 |    |    | 29   | 30 | 1  | 2  | 3  | 4  |
| ı |   | 6   | 3           | 4   | 5  | 6  | 7  | 8  | 9  | 10 | 3   | 4   | 5   | 6  | 7        | 8  | 9  |     | 14 | 31  | 1   | 2  | 3  | 4  | 5  | 6  | 19 | 5  | 6    | 7  | 8  | 9  | 10 | 11 |
|   |   |     |             |     |    |    |    |    |    |    |     |     |     |    |          |    |    |     |    |     |     |    |    |    |    |    |    |    |      |    |    |    |    |    |
| ı |   |     | Ma          | ау  |    |    |    |    |    |    | Ju  | ne  |     |    |          |    |    |     |    | Jul | У   |    |    |    |    |    |    | Αι | ugus | st |    |    |    |    |
| 1 |   |     | М           | Т   | W  | Т  | F  | S  | S  |    | М   | T   | W   | L  | F<br>دام | S  | S  |     |    | М   | Т   | W  | Т  | F  | S  | S  |    | М  | Т    | W  | Т  | F  | S  | S  |
| ı |   |     | 28          | 29  | 30 | 1  | 2  | 3  | 4  | 2  | 26  | 27  | 28  | 29 | 30       | 1  | 4  | • • | 27 | 30  | 1   | 2  | 3  | 4  | 5  | 6  | 31 | 28 | 29   | 30 | 31 | 1  | 2  | 3  |
| ı |   | 19  | 5           | 6   | 7  | 8  | 9  | 10 | 11 | 23 | 2   | 3   | 4   | 5  | 6        | Y  | 8  |     | 28 | 7   | 8   | 9  | 10 | 11 | 12 | 13 | 32 | 4  | 5    | 6  | 7  | 8  | 9  | 10 |
| ł | 2 |     | 12          | 13  | 14 | 15 | 16 | 17 | 18 | 24 | 9   | 10  | 11  | 12 | 13       | 14 | 15 |     | 29 | 14  | 15  | 16 | 17 | 18 | 19 | 20 |    | 11 | 12   | 13 | 14 | 15 | 16 | 17 |
| ı |   | 21  | 19          | 20  | 21 | 22 | 23 | 24 | 25 | 25 | 16  | 17  | 18  | 19 | 20       | 21 | 22 |     |    | 21  | 22  | 23 | 24 | 25 | 26 | 27 | 34 | 18 | 19   | 20 | 21 | 22 | 23 | 24 |
| I | 2 | 22  | 26          | 27  | 28 | 29 | 30 | 31 |    | 26 | 23  | 24  | 25  | 26 | 27       | 28 | 29 |     | 31 | 28  | 29  | 30 | 31 | 1  | 2  | 3  |    |    | 26   | 27 | 28 | 29 | 30 | 31 |
|   |   | 0.0 | 2           | 3   | 4  | 5  | 6  |    | 8  | 27 | 30  | 1   | 2   | 3  | 4        | 5  | 6  |     | 32 | 4   | 5   | 6  | 7  | 8  | 9  | 10 |    | 1  | 2    | 3  | 4  | 5  | 6  | 7  |
| ŀ |   |     | <b>10</b> - |     | Λ  | 0  |    |    |    |    | 00  |     | _   |    |          |    |    |     |    |     |     |    |    |    |    |    |    |    |      |    | -  |    |    |    |
| ľ |   | N   | <b>P</b>    | V)  | 0  |    |    |    |    |    |     |     |     |    |          |    |    |     |    |     |     |    |    |    |    |    |    |    |      |    |    |    |    |    |

```
KW 19 [031] [0312] [0318]

KW 20 [0319] [0325] [0331]

KW 21 [0401] [0408] [0415]

KW 22 [0416] [0412] [0423] Ubungen

KW 23 [0429] [0430] [0506] Ubungen

KW 24 [0507] [0513] [0514] [0520] [0521]

KW 25 PROBELLANSUR

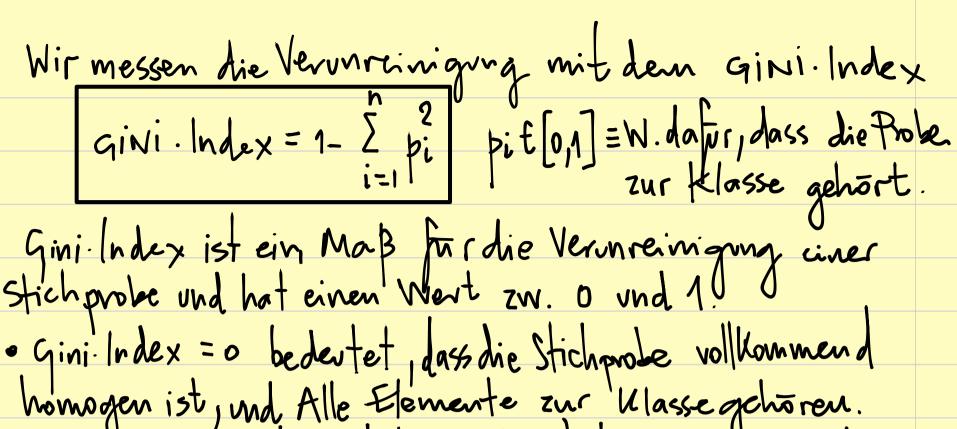
KW 26 QXA
```

Schlachtplan Rufung.

ENTSCHEIDUNGS STUME (CART).

KONZEPT Verunein gung der Information.

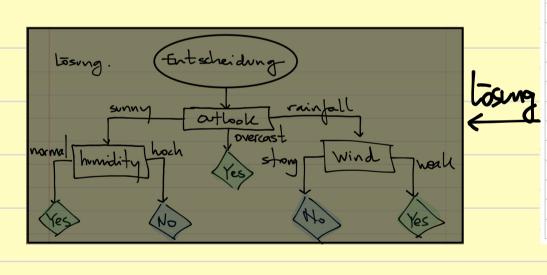
Die Verunein gung whisht hie Hamogeneität einer Daten probe. Wenn die Daten in der Probe homogen sind, gehören die Stichproben zur gleichen Klasse und die Veruneinigung ist NULL (4).



· Gini Index = 0 bedeutet, dass die Stichprole vollkommend homogen ist, und Alle Elemente zur Klasse gehören. · Gini Index = 1 bedeutet, dass die Stichprobe maximal verunreinigt ist bzw. maximale Ungleichheit zw. den Elementen.

Beispiel.

Wandern



| Day | outlook  | temperature | humidity | wind   | Decision |
|-----|----------|-------------|----------|--------|----------|
| 1   | sunny    | hot         | high     | weak   | No       |
| 2   | sunny    | hot         | high     | strong | No       |
| 3   | overcast | hot         | high     | weak   | Yes      |
| 4   | rainfall | mild        | high     | weak   | Yes      |
| 5   | rainfall | cool        | normal   | weak   | Yes      |
| 6   | rainfall | cool        | normal   | strong | No       |
| 7   | overcast | cool        | normal   | wtrong | Yes      |
| 8   | sunny    | mild        | high     | weak   | No       |
| 9   | sunny    | cool        | normal   | weak   | Yes      |
| 10  | rainfall | mild        | normal   | weak   | Yes      |
| 11  | sunny    | mild        | normal   | strong | Yes      |
| 12  | overcast | mild        | high     | strong | Yes      |
| 13  | overcast | hot         | normal   | weak   | Yes      |
| 14  | rainfall | mild        | high     | strong | No       |

| Day | 8. Haushalt | (a).07 | (XX)     | <br>102 |
|-----|-------------|--------|----------|---------|
| •   | Ja          | Ja     | 410      | Ja      |
|     | Nein        | Nein   | Selten   | Nein    |
|     |             | ·      | GarNicht |         |

