

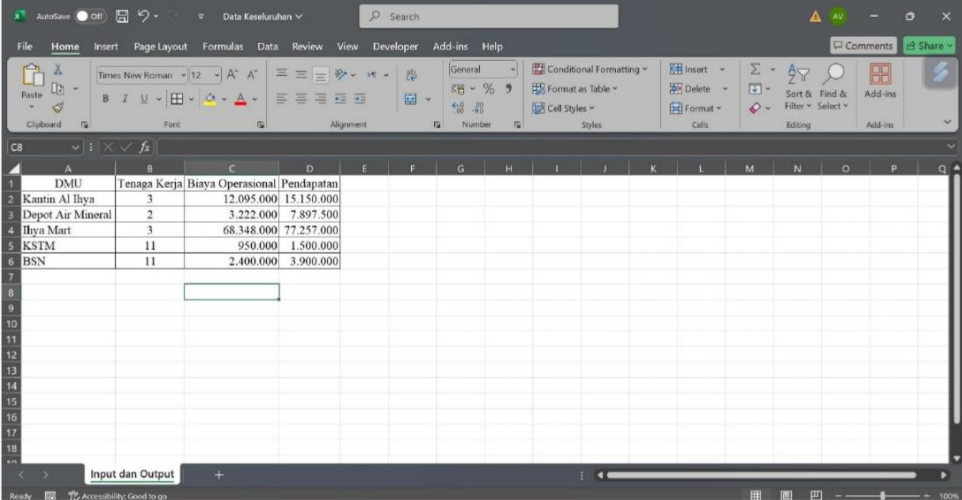
## LAMPIRAN

### Lampiran 1 petunjuk teknis penggunaan software Banxia frontier Analyst

#### Lampiran 5. 1 Langkah 1 pengolahan data menggunakan software Banxia frontier Analyst

##### 1. Persiapan Data

- Siapkan data input dan output dalam format Excel (.xls/.xlsx).
- Masukkan setiap unit usaha sebagai Decision Making Unit (DMU).
- Pastikan setiap DMU memiliki nilai input dan output yang lengkap.



| DMU               | Tenaga Kerja | Biaya Operasional | Pendapatan |
|-------------------|--------------|-------------------|------------|
| Kantin Al Ihya    | 3            | 12.095.000        | 15.150.000 |
| Depot Air Mineral | 2            | 3.222.000         | 7.897.500  |
| Ihya Mart         | 3            | 68.348.000        | 77.257.000 |
| KSTM              | 11           | 950.000           | 1.500.000  |
| BSN               | 11           | 2.400.000         | 3.900.000  |

## Lampiran 5. 2 Langkah 2 pengolahan data menggunakan software Banxia frontier Analyst

### 2. Input Data ke Software

- Buka aplikasi Banxia Frontier Analyst.
- Pilih File > New Project.
- Masukkan data DMU, input, dan output.
  - Input: Biaya operasional dan jumlah tenaga kerja.
  - Output: Pendapatan usaha.
- Pilih data input atau output pada type

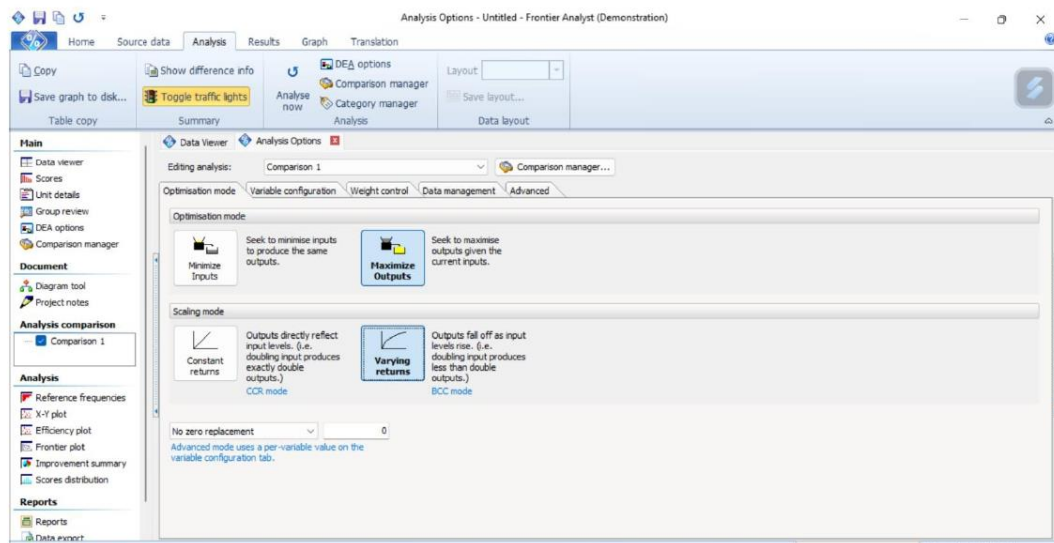
The screenshots illustrate the initial steps of data input in Banxia Frontier Analyst. The first image shows the 'New Project' dialog box with options for creating a new project or opening an existing one. The second image shows the 'Project Wizard' settings, where the 'Layout Type' is set to 'Standard' and the 'Data Rotation' is set to 'None'. The third image shows the 'Data Viewer' window, which displays a table of input and output data for five units: KSTM, BSN, Depot Air Mineral, Kantin Al Ihya, and Ihya Mart.

| Unit Name         | Active                              | Tenaga Kerja | Biaya Operasional | Pendapatan    |
|-------------------|-------------------------------------|--------------|-------------------|---------------|
| KSTM              | <input checked="" type="checkbox"/> | 11,00        | 950.000,00        | 1.500.000,00  |
| BSN               | <input checked="" type="checkbox"/> | 11,00        | 2.400.000,00      | 3.900.000,00  |
| Depot Air Mineral | <input checked="" type="checkbox"/> | 2,00         | 3.222.000,00      | 7.897.500,00  |
| Kantin Al Ihya    | <input checked="" type="checkbox"/> | 3,00         | 12.095.000,00     | 15.150.000,00 |
| Ihya Mart         | <input checked="" type="checkbox"/> | 3,00         | 68.348.000,00     | 77.257.000,00 |

### Lampiran 5. 3 Langkah 3 pengolahan data menggunakan software Banxia frontier Analyst

#### 3. Pengaturan Model DEA

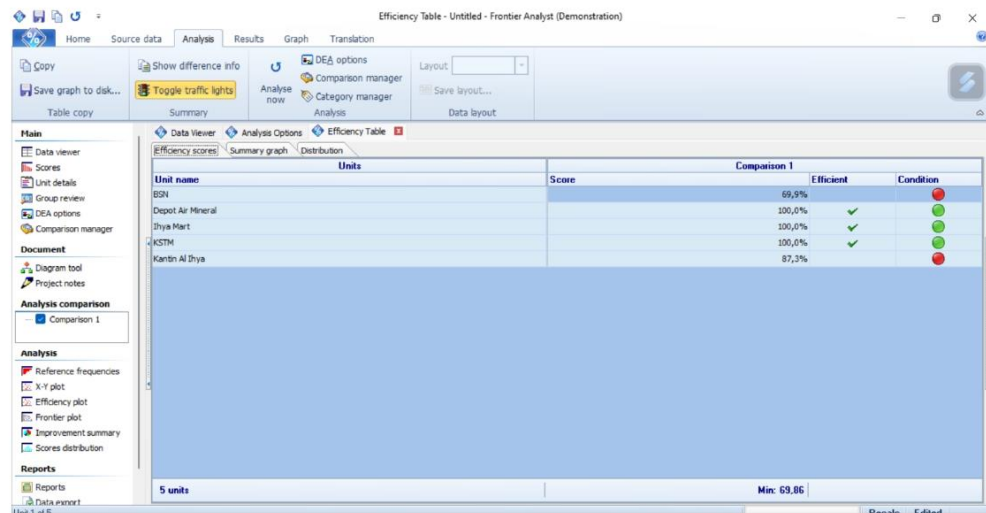
- Pilih metode analisis:  
DEA Model: BCC (Variable Return to Scale)  
Orientation: Output-Oriented  
(Penelitian ini menggunakan output-oriented karena bertujuan memaksimalkan hasil/pendapatan dengan input yang sudah ada)
- Pilih Envelopment Model untuk membentuk frontier efisiensi.



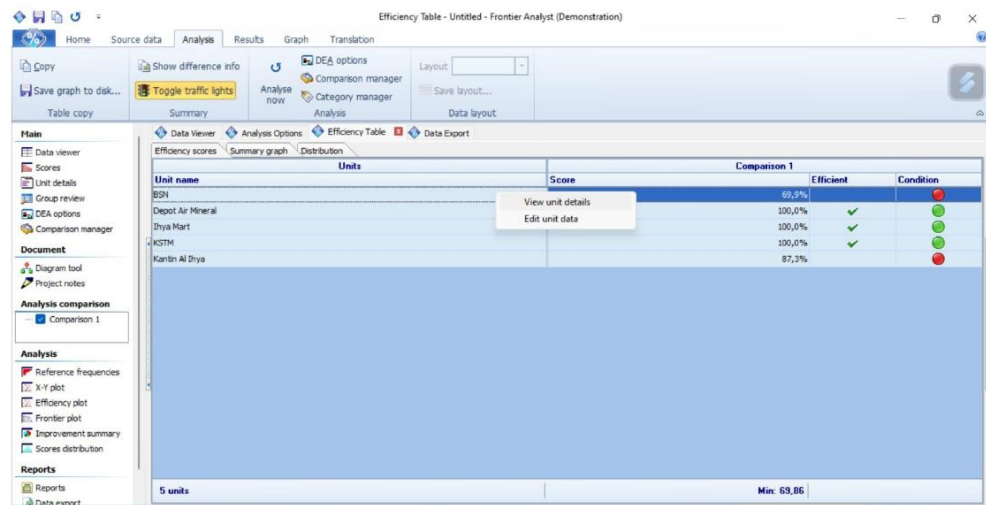
## Lampiran 5. 4 Langkah 4 pengolahan data menggunakan software Banxia frontier Analyst

### 4. Eksekusi Analisis

- Klik tombol Run Analysis untuk memproses data.
- Software akan menampilkan hasil skor efisiensi per DMU.



| Unit name         | Score  | Efficient | Condition |
|-------------------|--------|-----------|-----------|
| BSN               | 69,9%  |           |           |
| Depot Air Mineral | 100,0% | ✓         |           |
| Dhyia Mart        | 100,0% | ✓         |           |
| KSTM              | 100,0% | ✓         |           |
| Kantin Al Dhyia   | 87,3%  |           |           |

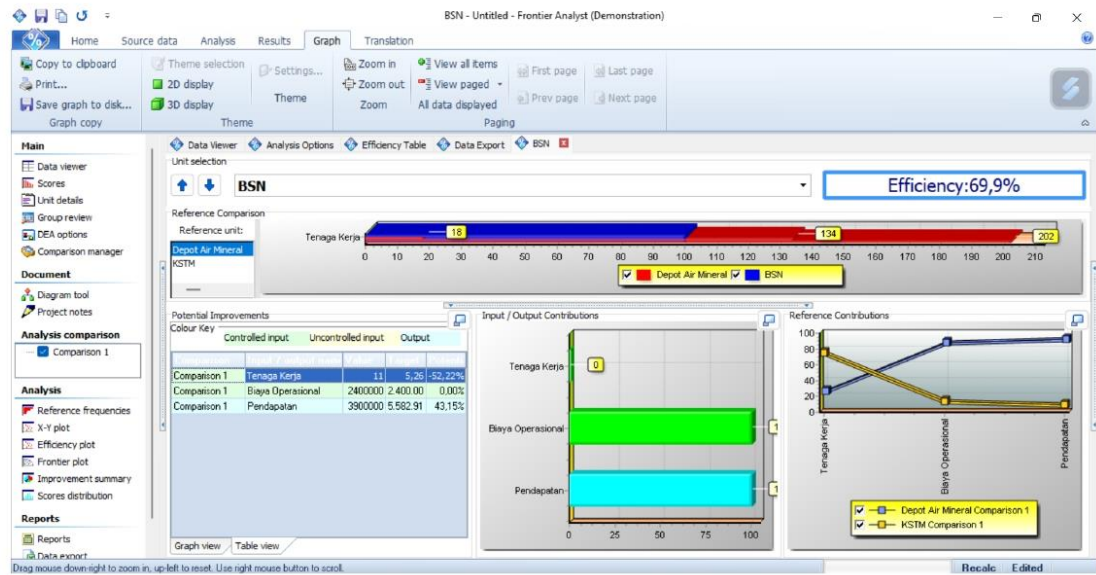


| Unit name         | Score  | Efficient | Condition |
|-------------------|--------|-----------|-----------|
| BSN               | 69,9%  |           |           |
| Depot Air Mineral | 100,0% | ✓         |           |
| Dhyia Mart        | 100,0% | ✓         |           |
| KSTM              | 100,0% | ✓         |           |
| Kantin Al Dhyia   | 87,3%  |           |           |

## Lampiran 5. 5 Langkah 5 pengolahan data menggunakan software Banxia frontier Analyst

### 5. Interpretasi Hasil

- DMU yang mendapatkan skor 1 (100%) dinyatakan efisien.
- DMU dengan skor < 1 (misalnya 0.873) dinyatakan belum efisien dan memiliki potensi perbaikan.
- Software juga menampilkan saran target input dan output yang optimal untuk setiap DMU yang belum efisien.

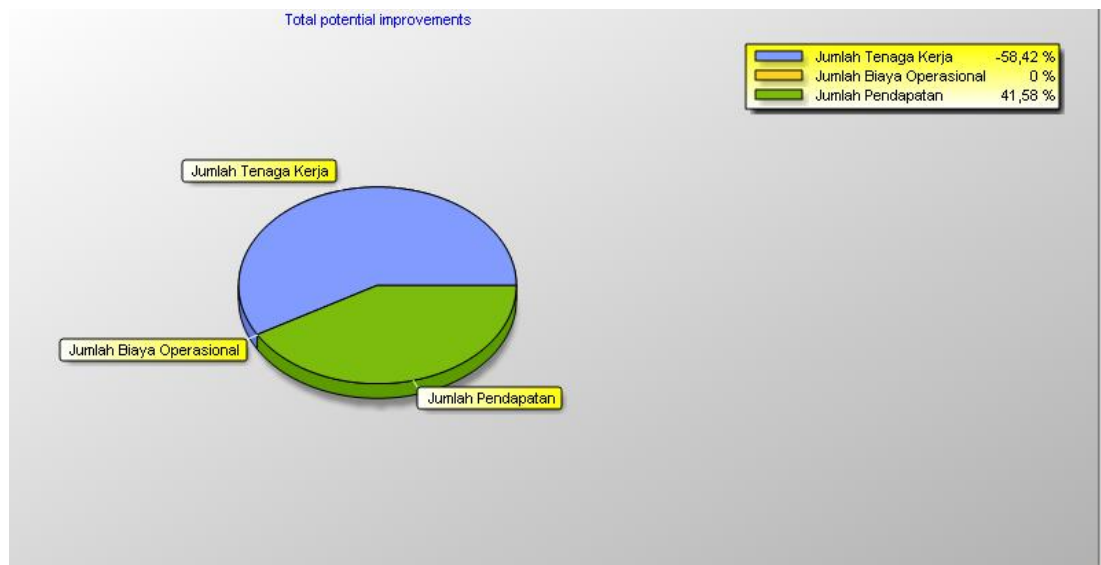


## Lampiran 2: Hasil Analisis menggunakan Data Envelopment Analysis

| Data Viewer Analysis Options Efficiency Table KSTM |              |           |           |
|----------------------------------------------------|--------------|-----------|-----------|
| Efficiency scores Summary graph Distribution       |              |           |           |
| Units                                              | Comparison 1 |           |           |
| Unit name                                          | Score        | Efficient | Condition |
| BSN                                                | 69,9%        |           | ●         |
| Depot Air Mineral                                  | 100,0%       | ✓         | ●         |
| Ihya Mart                                          | 100,0%       | ✓         | ●         |
| KSTM                                               | 100,0%       | ✓         | ●         |
| Kantin Al Ihya                                     | 87,3%        |           | ●         |

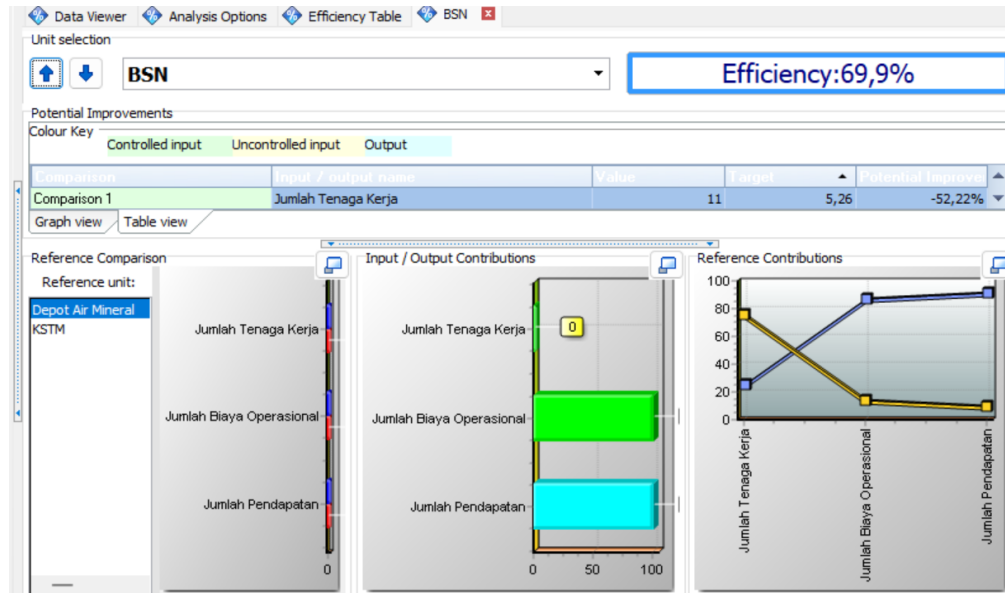
Lampiran 5. 6 Hasil Analisa DEA

## Lampiran 5. 7 Total Potensi Perbaikan



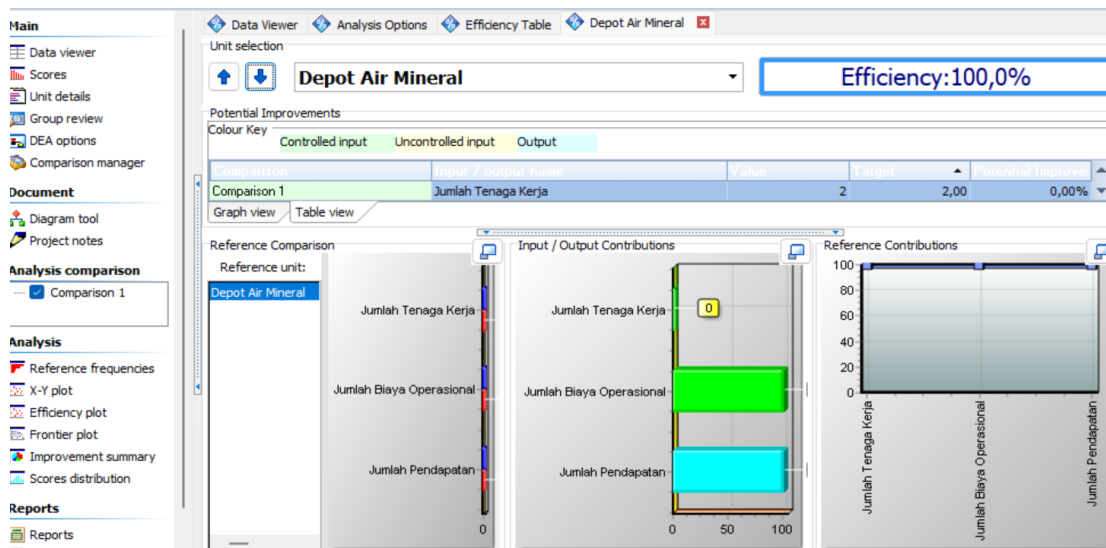
## Hasil DEA BSN

Lampiran 5. 8 Hasil Analisa DEA pada BSN



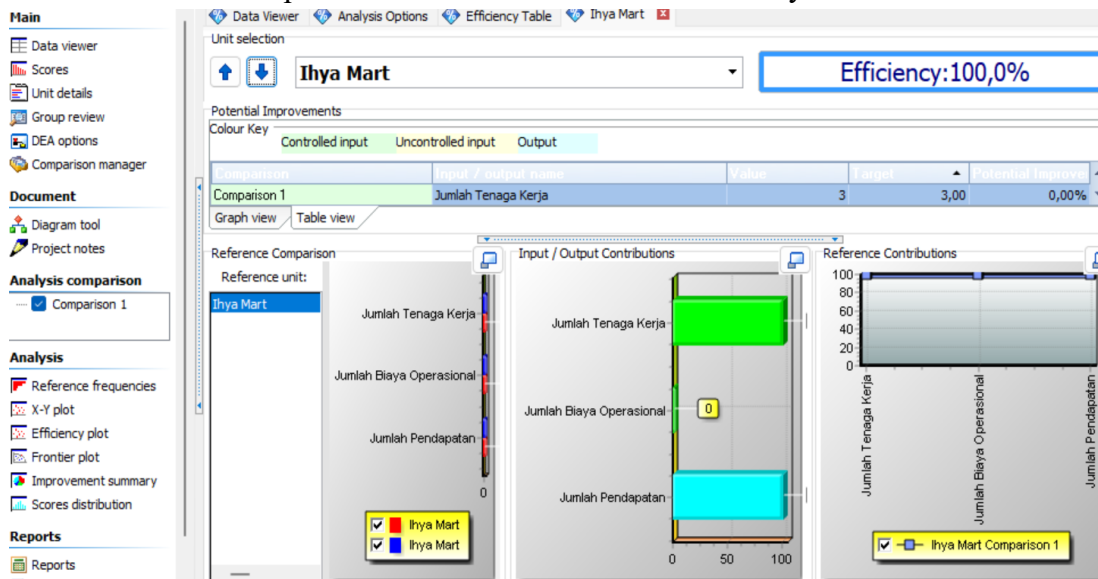
## Hasil DEA Depot Air Mineral

Lampiran 5. 9 Hasil Analisis DEA Pada Depot Air Mineral



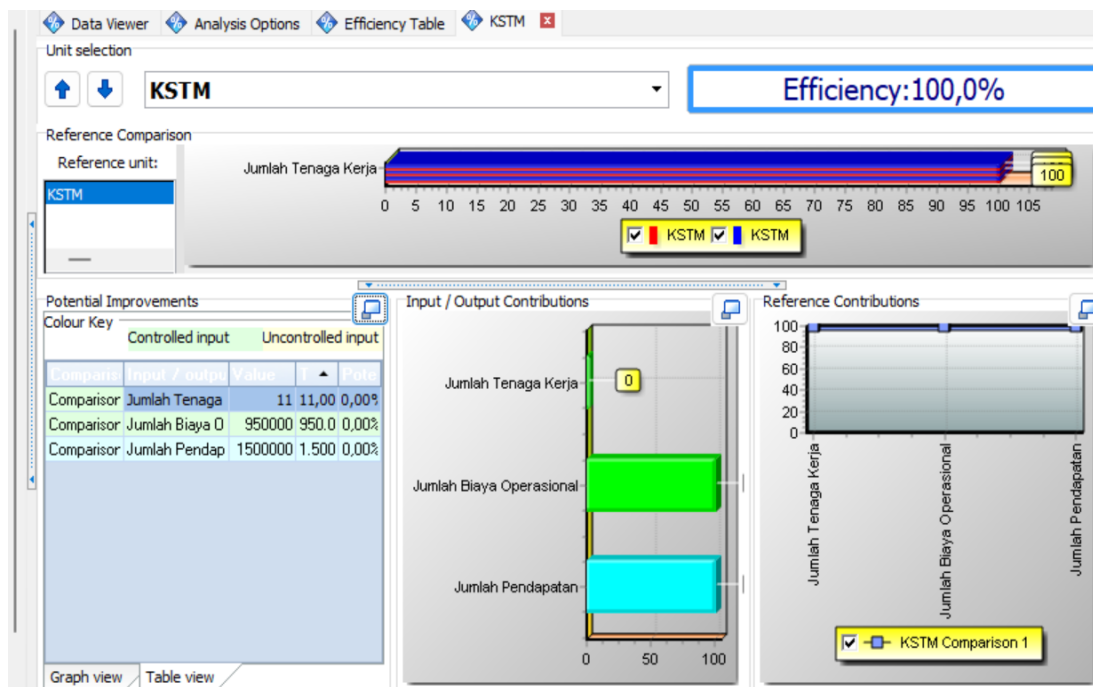
## Hasil DEA Ihya Mart

### Lampiran 5. 10 Hasil Analisis DEA Pada Ihya Mart



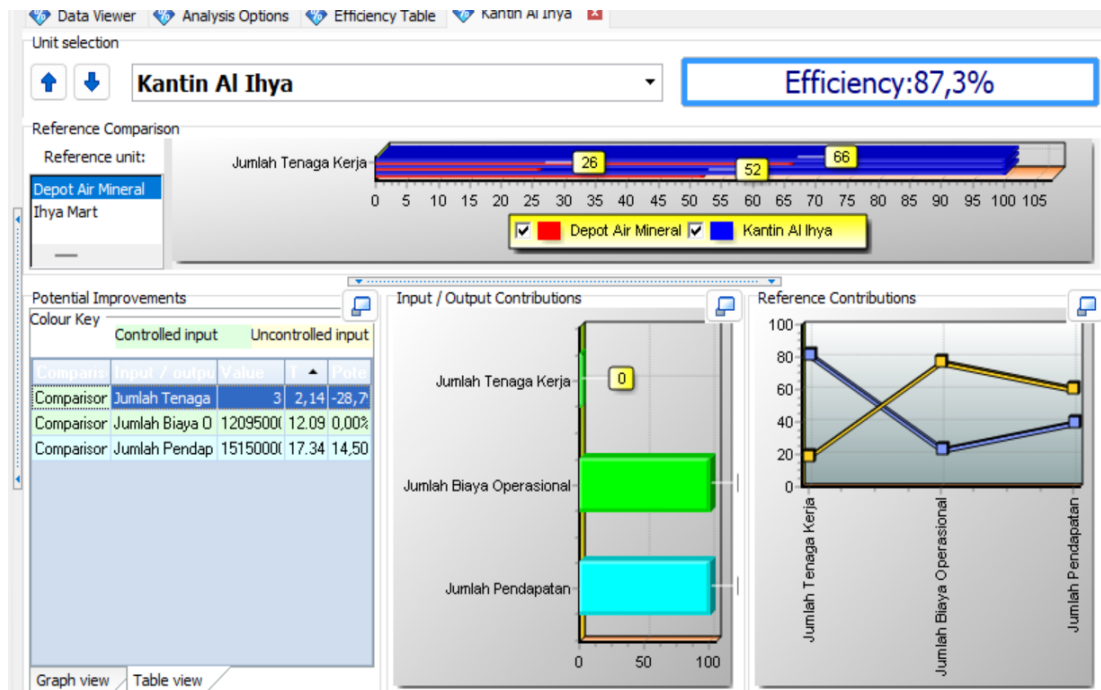
## Unit Usaha Kantin Al Ihya

### Lampiran 5. 11 Hasil DEA pada Kantin Al Ihya



## Hasil DEA Unit Usaha Ihya Mart

### Lampiran 5. 12 Hasil Analisis DEA Pada Ihya Mart



## Lampiran 2: Rincian Input dan Output Unit Usaha

### Lampiran 5. 13 Rincian Input dan Output Kantin Al Ihya

| HARI DAN TANGGAL    | PEMBELIAN<br>BARANG  | PENJUALAN<br>BARANG  |
|---------------------|----------------------|----------------------|
| 01-May-25           | Rp 1.050.000         | Rp 510.000           |
| 02-May-25           | Rp 380.000           | Rp 520.000           |
| 03-May-25           | Rp 325.000           | Rp 470.000           |
| 04-May-25           | Rp 410.000           | Rp 450.000           |
| 05-May-25           | Rp 360.000           | Rp 490.000           |
| 06-May-25           | Rp 330.000           | Rp 510.000           |
| 07-May-25           | Rp 400.000           | Rp 470.000           |
| 08-May-25           | Rp 420.000           | Rp 500.000           |
| 09-May-25           | Rp 450.000           | Rp 560.000           |
| 10-May-25           | Rp 420.000           | Rp 540.000           |
| 11-May-25           | Rp 380.000           | Rp 490.000           |
| 12-May-25           | Rp 350.000           | Rp 450.000           |
| 13-May-25           | Rp 390.000           | Rp 460.000           |
| 14-May-25           | Rp 410.000           | Rp 480.000           |
| 15-May-25           | Rp 430.000           | Rp 500.000           |
| 16-May-25           | Rp 380.000           | Rp 540.000           |
| 17-May-25           | Rp 340.000           | Rp 530.000           |
| 18-May-25           | Rp 400.000           | Rp 510.000           |
| 19-May-25           | Rp 360.000           | Rp 520.000           |
| 20-May-25           | Rp 320.000           | Rp 500.000           |
| 21-May-25           | Rp 300.000           | Rp 480.000           |
| 22-May-25           | Rp 150.000           | Rp 420.000           |
| 23-May-25           | Rp 290.000           | Rp 450.000           |
| 24-May-25           | Rp 340.000           | Rp 430.000           |
| 25-May-25           | Rp 320.000           | Rp 490.000           |
| 26-May-25           | Rp 380.000           | Rp 460.000           |
| 27-May-25           | Rp 410.000           | Rp 500.000           |
| 28-May-25           | Rp 420.000           | Rp 490.000           |
| 29-May-25           | Rp 380.000           | Rp 440.000           |
| 30-May-25           | Rp 350.000           | Rp 470.000           |
| 31-May-25           | Rp 450.000           | Rp 520.000           |
| <b>JUMLAH TOTAL</b> | <b>Rp 12.095.000</b> | <b>Rp 15.150.000</b> |

**Lampiran 5. 14 Rincian Biaya Operasional Depot Air Mineral**

| NO | NAMA BARANG     | QYT   | TOTAL        |
|----|-----------------|-------|--------------|
| 1  | KONSUMSI        | 1     | Rp 1.200.000 |
| 2  | BENSIN KE KROYA | 1     | Rp 50.000    |
| 3  | FILTER          | 20    | Rp 160.000   |
| 4  | BENSIN          | 25    | Rp 300.000   |
| 5  | TUTUP GALON     | 2     | Rp 160.000   |
| 6  | SERVICE TOSA    | 1     | Rp 150.000   |
| 7  | SAKLAR & KABEL  | 1     | Rp 90.000    |
| 8  | TEPUNG          | 25 KG | Rp 180.000   |
| 9  | BERAS           | 25 KG | Rp 300.000   |
| 10 | JAJAN           | 1     | Rp 150.000   |
| 11 | KOPI KOPI       | 10    | Rp 150.000   |
| 12 | MINYAK          | 2 KG  | Rp 40.000    |
| 13 | MENDO           | 30    | Rp 60.000    |
| 14 | MIE             | 40    | Rp 120.000   |
| 15 | POP MI          | 10    | Rp 50.000    |
| 16 | GAS             | 3     | Rp 72.000    |
| 17 | CUP             | 5     | Rp 50.000    |
| 18 | SAMPO&SABUN     | 1     | Rp 20.000    |
|    | JUMLAH          | Rp    | 3.222.000    |
|    | TOTAL           | Rp    | -            |

Lampiran 5. 15 Rincian Pemasukan Depot Air Mineral

| NO            | TANGGAL   | PEMASUKAN  |            | JUMLAH      | HARGA       | SUB TOTAL |                  |
|---------------|-----------|------------|------------|-------------|-------------|-----------|------------------|
|               |           | PUTRA      | PUTRI      |             |             |           |                  |
| 1             | 01-May-25 | 28         | 33         | 61          | 4.500       | Rp        | 274.500          |
| 2             | 02-May-25 | 34         | 28         | 62          | 4.500       | Rp        | 279.000          |
| 3             | 03-May-25 | 17         | 30         | 47          | 4.500       | Rp        | 211.500          |
| 4             | 04-May-25 | 34         | 38         | 72          | 4.500       | Rp        | 324.000          |
| 5             | 05-May-25 | 30         | 31         | 61          | 4.500       | Rp        | 274.500          |
| 6             | 06-May-25 | 27         | 34         | 61          | 4.500       | Rp        | 274.500          |
| 7             | 07-May-25 | 32         | 30         | 62          | 4.500       | Rp        | 279.000          |
| 8             | 08-May-25 | 21         | 32         | 53          | 4.500       | Rp        | 238.500          |
| 9             | 09-May-25 | 35         | 18         | 53          | 4.500       | Rp        | 238.500          |
|               | 10-May-25 | 30         | 37         | 67          | 4.500       | Rp        | 301.500          |
| 11            | 11-May-25 | 23         | 17         | 40          | 4.500       | Rp        | 180.000          |
| 12            | 12-May-25 | 39         | 31         | 70          | 4.500       | Rp        | 315.000          |
| 13            | 13-May-25 | 31         | 33         | 64          | 4.500       | Rp        | 288.000          |
| 14            | 14-May-25 | 30         | 32         | 62          | 4.500       | Rp        | 279.000          |
| 15            | 15-May-25 | 21         | 17         | 38          | 4.500       | Rp        | 171.000          |
| 16            | 16-May-25 | 36         | 36         | 72          | 4.500       | Rp        | 324.000          |
| 17            | 17-May-25 | 28         | 38         | 66          | 4.500       | Rp        | 297.000          |
| 18            | 18-May-25 | 30         | 31         | 61          | 4.500       | Rp        | 274.500          |
| 19            | 19-May-25 | 35         | 13         | 48          | 4.500       | Rp        | 216.000          |
| 20            | 20-May-25 | 29         | 24         | 53          | 4.500       | Rp        | 238.500          |
| 21            | 21-May-25 | 21         | 20         | 41          | 4.500       | Rp        | 184.500          |
| 22            | 22-May-25 | 24         | 28         | 52          | 4.500       | Rp        | 234.000          |
| 23            | 23-May-25 | 33         | 16         | 49          | 4.500       | Rp        | 220.500          |
| 24            | 24-May-25 | 26         | 43         | 69          | 4.500       | Rp        | 310.500          |
| 25            | 25-May-25 | 23         | 14         | 37          | 4.500       | Rp        | 166.500          |
| 26            | 26-May-25 | 20         | 21         | 41          | 4.500       | Rp        | 184.500          |
| 27            | 27-May-25 | 31         | 32         | 63          | 4.500       | Rp        | 283.500          |
| 28            | 28-May-25 | 33         | 24         | 57          | 4.500       | Rp        | 256.500          |
| 29            | 29-May-25 | 28         | 29         | 57          | 4.500       | Rp        | 256.500          |
| 30            | 30-May-25 | 33         | 23         | 56          | 4.500       | Rp        | 252.000          |
| 31            | 31-May-25 | 24         | 36         | 60          | 4.500       | Rp        | 270.000          |
| <b>JUMLAH</b> |           | <b>886</b> | <b>869</b> | <b>1755</b> | <b>4500</b> | <b>Rp</b> | <b>7.897.500</b> |

**Lampiran 5. 16 Rincian Pemasukan Ihya Mart**

| TANGGAL       | SHIFT 1   | SHIFT 2   | JUMLAH                 |
|---------------|-----------|-----------|------------------------|
| 1-05-2025     | 1.172.000 | 1.682.000 | 2.854.000              |
| 2-05-2025     | 1.002.500 | 1.822.000 | 2.824.000              |
| 3-05-2025     | 1.256.000 | 1.485.000 | 2.741.000              |
| 4-05-2025     | 1.664.000 | 1.287.000 | 2.951.000              |
| 5-05-2025     | 1.242.000 | 1.778.000 | 3.020.000              |
| 6-05-2025     | 1.372.000 | 1.720.000 | 3.092.000              |
| 7-05-2025     | 1.245.000 | 1.468.500 | 2.713.500              |
| 8-05-2025     | 1.214.500 | 1.727.500 | 2.942.000              |
| 9-05-2025     | 1.585.000 | 1.154.000 | 2.739.000              |
| 10-5-2025     | 1.161.000 | 1.475.000 | 2.636.000              |
| 11-05-2025    | 1.352.500 | 1.504.000 | 2.856.500              |
| 12-05-2025    | 1.062.000 | 1.573.500 | 2.635.500              |
| 13-05-2025    | 1.356.000 | 1.408.500 | 2.764.500              |
| 14-05-2025    | 900.000   | 1.257.500 | 2.157.500              |
| 15-05-2025    | 1.100.000 | 1.764.000 | 2.864.000              |
| 16-05-2025    | 1.402.000 | 1.095.000 | 2.497.000              |
| 17-05-2025    | 872.000   | 975.500   | 1.847.500              |
| 18-05-2025    | 1.355.000 | 1.255.000 | 2.610.000              |
| 19-05-2025    | 808.000   | 1.099.500 | 1.907.500              |
| 20-05-2025    | 810.000   | 1.136.500 | 1.946.500              |
| 21-05-2025    | 705.000   | 1.063.000 | 1.768.000              |
| 22-05-2025    | 986.000   | 1.490.000 | 2.476.000              |
| 23-05-2025    | 1.068.000 | 757.000   | 1.825.000              |
| 24-05-2025    | 858.000   | 1.056.000 | 1.914.000              |
| 25-05-2025    | 1.279.000 | 1.041.500 | 2.320.500              |
| 26-05-2025    | 968.000   | 1.344.500 | 2.312.500              |
| 27-05-2025    | 1.123.000 | 1.390.000 | 2.513.000              |
| 28-05-2025    | 825.000   | 1.521.000 | 2.346.000              |
| 29-05-2025    | 1.346.000 | 1.442.500 | 2.788.000              |
| 30-05-2025    | 789.000   | 1.470.000 | 2.259.000              |
| 31-05-2025    | 1.019.000 | 1.117.000 | 2.136.000              |
| <b>JUMLAH</b> |           |           | <b>Rp77.257.000,00</b> |

**Lampiran 5. 17 Rincian Pemasukan BSN**

| No | Hari Tanggal        | Sumber Pemasukan         | Harga               |
|----|---------------------|--------------------------|---------------------|
| 1  | Kamis, 1 Mei 2025   | Pondok Pesantren         | Rp 2.400.000        |
| 2. | Jum'at, 30 Mei 2025 | Penjualan Sampah Pilahan | Rp 1.500.000        |
|    | <b>Jumlah</b>       |                          | <b>Rp 3.900.000</b> |

**Lampiran 5. 18 Rincian Biaya Operasional BSN**

| No | Hari Tanggal        | Jenis Pengeluaran      | Harga               |
|----|---------------------|------------------------|---------------------|
| 1  | Jum'at, 2 Mei 2025  | Konsumsi               | Rp 100.000          |
| 2  | Senin, 4 Mei 2025   | Truck Angkut Sampah 2x | Rp 300.000          |
|    |                     | Sopir                  | Rp 50.000           |
|    |                     | konsumsi               | Rp 150.000          |
| 3  | Jum'at 09 Mei 2025  | Konsumsi               | Rp 100.000          |
| 4  | Jum'at 16 Mei 2025  | Konsumsi               | Rp 100.000          |
| 5  | Senin 18 Mei 2025   | Truck Angkut Sampah 2x | Rp 300.000          |
|    |                     | Sopir                  | Rp 50.000           |
|    |                     | Konsumsi               | Rp 100.000          |
|    |                     | Konsumsi               | Rp 100.000          |
| 6  | Jum'at 23 Mei 2025  | Konsumsi               | Rp 100.000          |
| 7  | Senin 25 Mei 2025   | Truck Angkut Sampah 2x | Rp 300.000          |
|    |                     | Sopir                  | Rp 50.000           |
|    |                     | konsumsi               | Rp 100.000          |
|    |                     | konsumsi               | Rp 100.000          |
| 8  | Jum'at, 30 Mei 2025 | Bensin                 | Rp 300.000          |
|    |                     | konsumsi               | Rp 100.000          |
|    | <b>Jumlah</b>       |                        | <b>Rp 2.400.000</b> |

Lampiran 5. 19 Rincian Pemasukan dan Pengeluaran KSTM

| No | Jenis Dana  | Alokasi                        | Harga             |
|----|-------------|--------------------------------|-------------------|
| 1  | Dana Masuk  | Penjualan Maggot dan lalat BSF | Rp 1.500.000      |
|    | Dana Keluar | <b>Perawatan kandang</b>       | Rp 250.000        |
|    | Dana Keluar | Konsumsi Bulanan               | Rp 500.000        |
|    | Dana Keluar | Listrik                        | Rp 200.000        |
|    |             | <b>Saldo</b>                   | <b>Rp 550.000</b> |

Lampiran 5. 20 Rincian Pengeluaran Ihya Mart

**C. KESIMPULAN**

1. TOTAL PEMASUKAN KOTOR : Rp. 77.257.000
2. TOTAL BELANJA/KULAKAN : Rp 65.183.500
3. TOTAL PENGELUARAN OPERASIONAL : Rp. 3.164.500
4. TOTAL PENGELUARAN KESELURUHAN : Rp. 68.348.000–
5. HASIL BERSIH : Rp. 8.909.000
6. BAGI HASIL ;
  - a. Pondok (50%) : **Rp. 3.750.000**
  - b. Ihya Mart (50%) : **Rp. 3.750.000**

**Lampiran 3: Tempat-tempat Unit Usaha Pondok Pesantren Al Ihya  
'Ulumaddin**

**Unit Usaha Ihya Mart**



Lampiran 5. 21 Ihya Mart



## Unit Depot Air Mineral

### Lampiran 5. 22 Tempat Depot Air Mineral



Unit Depot Air Mineral  
Lampiran 5. 23 Tempat Unit Depot Air Mineral



Unit Usaha BSN  
Lampiran 5. 24 Tempat Unit BSN



## Unit Usaha KSTM

### Lampiran 5. 25 Tempat Unit KSTM

