

**Berita Acara Data Warehouse & Business Intelligence - 0833****Dosen : Monikka Nur Winnarto (MNT) - 202110270****Kelas : 19.7AA.07**

| Temu | Ruang  | Kehadiran   | Bahan Kajian   | BAP  |
|------|--------|---|--|--|
| 1    | 306-B2 | 2025-09-25<br>14:10-17:30<br>Masuk: 14:11:03<br>-17:15:15 | <ul style="list-style-type: none"><li>- Overview BI</li><li>- Arsitektur, model, dan keunggulan BI</li><li>- Hubungan DSS dan BI</li></ul> Data Warehouse & Business Intelligence  | <ul style="list-style-type: none"><li>- Overview BI</li><li>- Arsitektur, model, dan keunggulan BI</li><li>- Hubungan DSS dan BI</li></ul> Data Warehouse & Business Intelligence  |
| 2    | 306-B2 | 2025-10-02<br>14:10-17:30<br>Masuk: 14:12:17<br>-17:16:25 | <ul style="list-style-type: none"><li>- Pengertian dan Overview DW</li><li>- Arsitektur DW</li><li>- Proses ETL Data</li><li>- Implementasi dan resiko dalam pengimplementasian DW</li></ul> Data Warehouse & Business Intelligence  | <ul style="list-style-type: none"><li>- Pengertian dan Overview DW</li><li>- Arsitektur DW</li><li>- Proses ETL Data</li><li>- Implementasi dan resiko dalam pengimplementasian DW</li></ul> Data Warehouse & Business Intelligence  |
| 3    | 306-B2 | 2025-10-09<br>14:10-17:30<br>Masuk: 14:11:54<br>-17:19:39 | <ul style="list-style-type: none"><li>- Overview BPM</li><li>- BPM vs BI</li><li>- Langkah-langkah proses Closed-loop untuk mengoptimalkan kinerja bisnis</li><li>- Strategize</li><li>- Plan</li><li>- Monitor/Analyze - Act/adjust</li></ul> Performance measurement<br>Data Warehouse & Business Intelligence | <ul style="list-style-type: none"><li>- Overview BPM</li><li>- BPM vs BI</li><li>- Langkah-langkah proses Closed-loop untuk mengoptimalkan kinerja bisnis</li><li>- Strategize</li><li>- Plan</li><li>- Monitor/Analyze - Act/adjust</li></ul> Performance measurement<br>Data Warehouse & Business Intelligence |
| 4    | 306-B2 | 2025-10-16<br>14:10-17:30<br>Masuk: 14:11:18<br>-17:19:48 | <ul style="list-style-type: none"><li>- BPM Methodologies overview</li><li>- BPM Methodologies Balances Scorecard</li><li>- Model BPM Methodologies : Six Sigma</li><li>- Arsitektur &amp; Aplikasi BPM Performance Dashboards Overview Data Warehouse &amp; Business Intelligence</li></ul>                     | <ul style="list-style-type: none"><li>- BPM Methodologies overview</li><li>- BPM Methodologies Balances Scorecard</li><li>- Model BPM Methodologies : Six Sigma</li><li>- Arsitektur &amp; Aplikasi BPM Performance Dashboards Overview Data Warehouse &amp; Business Intelligence</li></ul>                     |
| 5    | 306-B2 | 2025-10-23<br>14:10-17:30<br>Masuk: 14:11:47<br>-17:15:38 | <ol style="list-style-type: none"><li>1. Pengenalan data</li><li>2. Data mining overview</li><li>3. Hubungan data mining dan bidang lain</li><li>4. Masalah-masalah dalam data mining</li><li>5. Tipe data</li><li>6. Pengetahuan model data mining Data Warehouse &amp; Business Intelligence</li></ol>         | <ol style="list-style-type: none"><li>1. Pengenalan data</li><li>2. Data mining overview</li><li>3. Hubungan data mining dan bidang lain</li><li>4. Masalah-masalah dalam data mining</li><li>5. Tipe data</li><li>6. Pengetahuan model data mining Data Warehouse &amp; Business Intelligence</li></ol>         |

| Temu | Ruang  | Kehadiran   | Bahan Kajian   | BAP   |
|------|--------|---|--|---|
| 6    | 306-B2 | 2025-10-30<br>14:10-17:30<br>Masuk: 14:11:18<br>-17:16:15 | Association based learning : Supervised learning - Unsupervised learning - Semi-supervised learning - Algoritma data mining - Proses data mining - Himpunan data (dataset) - Metode data mining - Pengetahuan (pola/model) - Instalasi dan menjalankan tools data mining<br>Data Warehouse & Business Intelligence               | Association based learning : Supervised learning - Unsupervised learning - Semi-supervised learning - Algoritma data mining - Proses data mining - Himpunan data (dataset) - Metode data mining - Pengetahuan (pola/model) - Instalasi dan menjalankan tools data mining<br>Data Warehouse & Business Intelligence            |
| 7    | 306-B2 | 2025-11-06<br>14:10-17:30<br>Masuk: 14:13:04<br>-17:17:09 | Review<br>Data Warehouse & Business Intelligence   | Review<br>Data Warehouse & Business Intelligence  |
| 8    | 306-B2 | 2025-11-13<br>14:10-17:30<br>Masuk: 14:12:25<br>-17:25:11 | UTS  | UTS   |
| 9    | 306-B2 | 2025-11-20<br>14:10-17:30<br>Masuk: 14:12:51<br>-17:19:02 | Studi kasus menggunakan teknik klasifikasi Data Warehouse & Business Intelligence  | Studi kasus menggunakan teknik klasifikasi Data Warehouse & Business Intelligence   |
| 10   | 306-B2 | 2025-11-27<br>14:10-17:30<br>Masuk: 14:12:06<br>-17:17:57 | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW.<br>Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan<br>Data Warehouse & Business Intelligence | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan<br>Data Warehouse & Business Intelligence |
| 11   | 306-B2 | 2025-12-04<br>14:10-17:30<br>Masuk: 14:13:39<br>-17:25:57 | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW.<br>Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan<br>Data Warehouse & Business Intelligence | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan<br>Data Warehouse & Business Intelligence |

| Temu | Ruang  | Kehadiran  | Bahan Kajian   | BAP  |
|------|--------|--|--|--|
| 12   | 306-B2 | 2025-12-11<br>14:10-17:30<br>Masuk: 14:14:35<br>-17:21:22    | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan Data Warehouse & Business Intelligence | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan Data Warehouse & Business Intelligence |
| 13   | 306-B2 | 2025-12-18<br>14:10-17:30<br>Masuk: 14:11:59<br>-17:25:30    | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan Data Warehouse & Business Intelligence | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan Data Warehouse & Business Intelligence |
| 14   | 306-B2 | 2026-01-08<br>14:10-17:30<br>Masuk: 14:11:20<br>-17:27:31    | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan Data Warehouse & Business Intelligence | Menyusun makalah, menjelaskan, membuktikan hipotesis keterhubungan DSS & BI, dan menampilkan rancangan sederhana model dimensional DW. Menyusun makalah, membuat dan menampilkan rancangan arsitektur BI atau DW serta membangun rancangan model dimensional DW yang sudah berjalan Data Warehouse & Business Intelligence |
| 15   | 306-B2 | 2026-01-15<br>14:10-17:30<br>Masuk: 14:12:51<br>-17:28:37    | Review<br>Data Warehouse & Business Intelligence   | Review<br>Data Warehouse & Business Intelligence   |
| 16   | 306-B2 | 2026-01-22<br>14:10-17:30<br>Masuk:<br>14:11:33-<br>17:28:41 | UAS  | UAS  |



| No                            | NIM      | Nama                                | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        | 13        | 14        | 15        | 16        | Total |
|-------------------------------|----------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|
| 35                            | 19252523 | Muhammad Rievaldi Rendyansyah Putra | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 1         | 1         | 1         | 1         | 1         | 15    |
| 36                            | 19252524 | Eva Nursopa                         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 37                            | 19252554 | Annisa Della Putri                  | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 38                            | 19252556 | Andi Kia Saputra                    | 1         | 1         | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 0         | 1         | 1         | 1         | 13    |
| 39                            | 19252563 | Azizah Al Shofa                     | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 40                            | 19252584 | Faizah Nasila                       | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 41                            | 19252593 | Yohan Meyreza                       | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 0         | 1         | 1         | 1         | 0         | 12    |
| 42                            | 19252600 | Akmal Sidik                         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 43                            | 19252635 | Afriza Ikhsan Muzaki                | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 44                            | 19252643 | Kefiyanto Seran                     | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 15    |
| 45                            | 19252648 | Doni Candra                         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 16    |
| 46                            | 19252654 | Muhamad Naufal Almuhyidin           | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 0         | 1         | 1         | 1         | 0         | 1         | 1         | 1         | 13    |
| 47                            | 19252704 | Alfin Hidayat                       | 0         | 0         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 14    |
| <b>Total Kehadiran Harian</b> |          |                                     | <b>43</b> | <b>45</b> | <b>46</b> | <b>47</b> | <b>46</b> | <b>47</b> | <b>47</b> | <b>47</b> | <b>45</b> | <b>47</b> | <b>44</b> | <b>45</b> | <b>45</b> | <b>47</b> | <b>47</b> | <b>43</b> |       |

## Penilaian

| No | NIM      | Nama                                | Presensi | Tugas | UTS | UAS | Grade Akhir |
|----|----------|-------------------------------------|----------|-------|-----|-----|-------------|
| 1  | 19250559 | Fitriyani Rizki                     | 100      | 0     | 78  | 95  | C           |
| 2  | 19250864 | Thomas Aninditya Widiyanto          | 100      | 85    | 80  | 80  | A           |
| 3  | 19251012 | Naila Nadira Azkarini               | 100      | 95    | 76  | 90  | A           |
| 4  | 19251177 | Bai Ratnasari                       | 100      | 75    | 76  | 80  | A           |
| 5  | 19251305 | Rima Nursyifa                       | 100      | 85    | 98  | 75  | A           |
| 6  | 19251432 | Syarif Durrahman                    | 100      | 80    | 80  | 0   | C           |
| 7  | 19251524 | Nur Redi                            | 100      | 85    | 76  | 85  | A           |
| 8  | 19251558 | Adina Novianti                      | 100      | 80    | 84  | 95  | A           |
| 9  | 19251689 | Ayus Widiasih                       | 100      | 65    | 70  | 82  | B           |
| 10 | 19251699 | Muhammad Ismail Dzikrullah          | 100      | 90    | 96  | 90  | A           |
| 11 | 19251706 | Azman Safrudin                      | 100      | 95    | 80  | 75  | A           |
| 12 | 19251896 | Ragil Ardiansyah Putra Basri        | 100      | 90    | 88  | 90  | A           |
| 13 | 19252085 | Muhamad Fikri Jamaludin             | 100      | 85    | 86  | 82  | A           |
| 14 | 19252195 | Dimas Taqbir Ramdani                | 100      | 75    | 82  | 80  | A           |
| 15 | 19252209 | Putra Ardiansyah                    | 93       | 85    | 90  | 75  | A           |
| 16 | 19252316 | Nizar Nurkholis Mufti               | 100      | 0     | 44  | 82  | D           |
| 17 | 19252356 | Sahleza Putri Heryadi               | 100      | 95    | 94  | 90  | A           |
| 18 | 19252357 | Mochammad Ferdy Alfarizy            | 100      | 75    | 86  | 90  | A           |
| 19 | 19252358 | Melisa Zahara                       | 100      | 0     | 90  | 95  | B           |
| 20 | 19252363 | Selviana Dwi Sari Arsanti           | 100      | 85    | 94  | 95  | A           |
| 21 | 19252376 | Muhammad Reihan Fitriansyah         | 93       | 0     | 82  | 0   | E           |
| 22 | 19252384 | Silvia Setiawati                    | 100      | 75    | 84  | 95  | A           |
| 23 | 19252385 | Muhammad Reza Fitriansyah           | 100      | 30    | 68  | 0   | D           |
| 24 | 19252389 | Salsabila Cintia Fitria             | 100      | 80    | 76  | 85  | A           |
| 25 | 19252394 | Henry Willeam Sosang                | 100      | 85    | 74  | 82  | A           |
| 26 | 19252403 | Kania Bella Nastiti                 | 100      | 95    | 92  | 95  | A           |
| 27 | 19252408 | Irma Anggriani Leasa                | 100      | 0     | 88  | 95  | B           |
| 28 | 19252412 | Asy Syaima Attofah Mujahidah        | 100      | 85    | 96  | 80  | A           |
| 29 | 19252423 | Leni Widiawati                      | 86       | 75    | 70  | 82  | B           |
| 30 | 19252442 | Ivana Amanda Putri                  | 100      | 95    | 94  | 95  | A           |
| 31 | 19252453 | M. Iqbal Zayyan Abiyyu              | 100      | 70    | 78  | 90  | A           |
| 32 | 19252482 | Armadan Pagala                      | 100      | 85    | 86  | 85  | A           |
| 33 | 19252509 | Yosi Nurkhofifah                    | 100      | 80    | 88  | 85  | A           |
| 34 | 19252514 | Indri Nur Agustin                   | 100      | 85    | 92  | 85  | A           |
| 35 | 19252523 | Muhammad Rievaldi Rendyansyah Putra | 93       | 85    | 78  | 85  | A           |
| 36 | 19252524 | Eva Nursopa                         | 100      | 95    | 90  | 80  | A           |
| 37 | 19252554 | Annisa Della Putri                  | 100      | 85    | 78  | 75  | A           |
| 38 | 19252556 | Andi Kia Saputra                    | 79       | 70    | 80  | 75  | B           |

| No | NIM      | Nama                      | Presensi | Tugas | UTS | UAS | Grade Akhir |
|----|----------|---------------------------|----------|-------|-----|-----|-------------|
| 39 | 19252563 | Azizah Al Shofa           | 100      | 85    | 86  | 80  | A           |
| 40 | 19252584 | Faizah Nasila             | 100      | 90    | 94  | 95  | A           |
| 41 | 19252593 | Yohan Meyreza             | 79       | 85    | 56  | 0   | D           |
| 42 | 19252600 | Akmal Sidik               | 100      | 85    | 98  | 80  | A           |
| 43 | 19252635 | Afriza Ikhsan Muzaki      | 100      | 85    | 82  | 75  | A           |
| 44 | 19252643 | Kefiyanto Seran           | 93       | 85    | 70  | 82  | A           |
| 45 | 19252648 | Doni Candra               | 100      | 85    | 82  | 82  | A           |
| 46 | 19252654 | Muhamad Naufal Almuhyidin | 79       | 75    | 64  | 82  | B           |
| 47 | 19252704 | Alfin Hidayat             | 86       | 85    | 62  | 82  | B           |