

Tabel L1.1

Tabel peramalan kaos *polo shirt* A dengan metode regresi konstan

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 365 | 373 | -7.630 | 58.211 |
| Agst' 08 | 397 | 373 | 24.370 | 593.915 |
| Sep' 08 | 369 | 373 | -3.630 | 13.174 |
| Okt' 08 | 351 | 373 | -21.630 | 467.841 |
| Nov' 08 | 443 | 373 | 70.370 | 4951.989 |
| Des' 08 | 378 | 373 | 5.370 | 28.841 |
| Jan' 09 | 407 | 373 | 34.370 | 1181.322 |
| Feb' 09 | 403 | 373 | 30.370 | 922.359 |
| Mar' 09 | 372 | 373 | -0.630 | 0.396 |
| Apr' 09 | 381 | 373 | 8.370 | 70.063 |
| Mei' 09 | 389 | 373 | 16.370 | 267.989 |
| Jun' 09 | 378 | 373 | 5.370 | 28.841 |
| Jul' 09 | 335 | 373 | -37.630 | 1415.989 |
| Agst' 09 | 325 | 373 | -47.630 | 2268.582 |
| Sep' 09 | 339 | 373 | -33.630 | 1130.952 |
| Okt' 09 | 341 | 373 | -31.630 | 1000.433 |
| Nov' 09 | 363 | 373 | -9.630 | 92.730 |
| Des' 09 | 371 | 373 | -1.296 | 1.680 |
| | | | TOTAL | 14495.309 |
| | | | MSE | 805.295 |

Tabel L1.2

Tabel peramalan kaos *polo shirt* A dengan metode *single exponential smoothing* $(\alpha = 0,2)$

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 365 | - | - | - |
| Agst' 08 | 397 | 369 | 27.600 | 762 |
| Sep' 08 | 369 | 375 | -5.920 | 35 |
| Okt' 08 | 351 | 374 | -22.736 | 517 |
| Nov' 08 | 443 | 369 | 73.811 | 5448 |
| Des' 08 | 378 | 384 | -5.951 | 35 |
| Jan' 09 | 407 | 383 | 24.239 | 588 |
| Feb' 09 | 403 | 388 | 15.391 | 237 |
| Mar' 09 | 372 | 391 | -18.687 | 349 |
| Apr' 09 | 381 | 387 | -5.950 | 35 |
| Mei' 09 | 389 | 386 | 3.240 | 10 |
| Jun' 09 | 378 | 386 | -8.408 | 71 |
| Jul' 09 | 335 | 385 | -49.726 | 2473 |
| Agst' 09 | 325 | 375 | -49.781 | 2478 |
| Sep' 09 | 339 | 365 | -25.825 | 667 |
| Okt' 09 | 341 | 360 | -18.660 | 348 |
| Nov' 09 | 363 | 356 | 7.072 | 50 |
| Des' 09 | 371 | 357 | 13.991 | 196 |
| Jan' 10 | - | 360 | - | - |
| | | | TOTAL | 14299.163 |
| | | | MSE | 841.127 |

Tabel L1.3

Tabel peramalan kaos *polo shirt* A dengan metode *single moving average* (N = 4)

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 365 | - | - | - |
| Agst' 08 | 397 | - | - | - |
| Sep' 08 | 369 | - | - | - |
| Okt' 08 | 351 | - | - | - |
| Nov' 08 | 443 | 371 | 72.500 | 5256.250 |
| Des' 08 | 378 | 390 | -12.000 | 144.000 |
| Jan' 09 | 407 | 385 | 21.750 | 473.063 |
| Feb' 09 | 403 | 395 | 8.250 | 68.063 |
| Mar' 09 | 372 | 408 | -35.750 | 1278.063 |
| Apr' 09 | 381 | 390 | -9.000 | 81.000 |
| Mei' 09 | 389 | 391 | -1.750 | 3.063 |
| Jun' 09 | 378 | 386 | -8.250 | 68.063 |
| Jul' 09 | 335 | 380 | -45.000 | 2025.000 |
| Agst' 09 | 325 | 371 | -45.750 | 2093.063 |
| Sep' 09 | 339 | 357 | -17.750 | 315.063 |
| Okt' 09 | 341 | 344 | -3.250 | 10.563 |
| Nov' 09 | 363 | 335 | 28.000 | 784.000 |
| Des' 09 | 371 | 342 | 29.333 | 860.444 |
| Jan' 10 | - | 354 | - | - |
| TOTAL | | | | 13459.694 |
| MSE | | | | 961.407 |

Tabel L1.4

Tabel peramalan kaos *polo shirt* A dengan metode *weighted moving average*

(N = 4)

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 365 | - | - | - |
| Agst' 08 | 397 | - | - | - |
| Sep' 08 | 369 | - | - | - |
| Okt' 08 | 351 | - | - | - |
| Nov' 08 | 443 | 367 | 76.000 | 5776 |
| Des' 08 | 378 | 396 | -18.000 | 324 |
| Jan' 09 | 407 | 391 | 15.800 | 250 |
| Feb' 09 | 403 | 400 | 3.100 | 10 |
| Mar' 09 | 372 | 403 | -31.200 | 973 |
| Apr' 09 | 381 | 389 | -7.900 | 62 |
| Mei' 09 | 389 | 385 | 3.700 | 14 |
| Jun' 09 | 378 | 385 | -6.600 | 44 |
| Jul' 09 | 335 | 381 | -46.300 | 2144 |
| Agst' 09 | 325 | 363 | -38.300 | 1467 |
| Sep' 09 | 339 | 345 | -6.000 | 36 |
| Okt' 09 | 341 | 338 | 3.100 | 10 |
| Nov' 09 | 363 | 337 | 26.400 | 697 |
| Des' 09 | 371 | 348 | 23.533 | 554 |
| Jan' 10 | - | 360 | - | - |
| TOTAL | | | | 12359.318 |
| MSE | | | | 882.808 |

Tabel L1.5

Tabel peramalan kaos *polo shirt* A dengan metode *last period demand*

| t | dt | dt' | dt-dt' | (dt - dt') ² |
|----------|-----|-----|------------|-------------------------|
| Jul' 08 | 365 | - | - | - |
| Agst' 08 | 397 | 365 | 32 | 1024 |
| Sep' 08 | 369 | 397 | -28 | 784 |
| Okt' 08 | 351 | 369 | -18 | 324 |
| Nov' 08 | 443 | 351 | 92 | 8464 |
| Des' 08 | 378 | 443 | -65 | 4225 |
| Jan' 09 | 407 | 378 | 29 | 841 |
| Feb' 09 | 403 | 407 | -4 | 16 |
| Mar' 09 | 372 | 403 | -31 | 961 |
| Apr' 09 | 381 | 372 | 9 | 81 |
| Mei' 09 | 389 | 381 | 8 | 64 |
| Jun' 09 | 378 | 389 | -11 | 121 |
| Jul' 09 | 335 | 378 | -43 | 1849 |
| Agst' 09 | 325 | 335 | -10 | 100 |
| Sep' 09 | 339 | 325 | 14 | 196 |
| Okt' 09 | 341 | 339 | 2 | 4 |
| Nov' 09 | 363 | 341 | 22 | 484 |
| Des' 09 | 371 | 363 | 8.33333333 | 69.44444444 |
| Jan' 10 | - | 371 | - | - |
| TOTAL | | | | 19607.4444 |
| MSE | | | | 1153.379 |

Tabel L1.6

Tabel peramalan kaos *polo shirt* A dengan metode *arithmetic average*

| t | dt | dt' | dt-dt' | (dt - dt') ² |
|----------|-----|-----|-------------|-------------------------|
| Jul' 08 | 365 | - | - | - |
| Agst' 08 | 397 | 381 | 16 | 256 |
| Sep' 08 | 369 | 377 | -8 | 64 |
| Okt' 08 | 351 | 371 | -19.5 | 380.25 |
| Nov' 08 | 443 | 385 | 58 | 3364 |
| Des' 08 | 378 | 384 | -5.83333333 | 34.0277778 |
| Jan' 09 | 407 | 387 | 19.8571429 | 394.306122 |
| Feb' 09 | 403 | 389 | 13.875 | 192.515625 |
| Mar' 09 | 372 | 387 | -15.2222222 | 231.716049 |
| Apr' 09 | 381 | 387 | -5.6 | 31.36 |
| Mei' 09 | 389 | 387 | 2.18181818 | 4.76033058 |
| Jun' 09 | 378 | 386 | -8.08333333 | 65.3402778 |
| Jul' 09 | 335 | 382 | -47.153846 | 2223.48521 |
| Agst' 09 | 325 | 378 | -53.071429 | 2816.57653 |
| Sep' 09 | 339 | 375 | -36.466667 | 1329.81778 |
| Okt' 09 | 341 | 373 | -32.3125 | 1044.09766 |
| Nov' 09 | 363 | 373 | -9.7058824 | 94.2041522 |
| Des' 09 | 371 | 373 | -1.2962963 | 1.68038409 |
| Jan' 10 | - | 373 | - | - |
| TOTAL | | | | 12528.138 |
| MSE | | | | 736.949 |

Tabel L1.7

Tabel peramalan kaos *polo shirt* B dengan metode regresi konstan

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 335 | 356 | -21.284 | 453.007 |
| Agst' 08 | 370 | 356 | 13.716 | 188.130 |
| Sep' 08 | 345 | 356 | -11.284 | 127.328 |
| Okt' 08 | 325 | 356 | -31.284 | 978.686 |
| Nov' 08 | 401 | 356 | 44.716 | 1999.525 |
| Des' 08 | 338 | 356 | -18.284 | 334.303 |
| Jan' 09 | 379 | 356 | 22.716 | 516.019 |
| Feb' 09 | 379 | 356 | 22.716 | 516.019 |
| Mar' 09 | 344 | 356 | -12.284 | 150.895 |
| Apr' 09 | 335 | 356 | -21.284 | 453.007 |
| Mei' 09 | 356 | 356 | -0.284 | 0.081 |
| Jun' 09 | 351 | 356 | -5.284 | 27.920 |
| Jul' 09 | 320 | 356 | -36.284 | 1316.525 |
| Agst' 09 | 343 | 356 | -13.284 | 176.463 |
| Sep' 09 | 360 | 356 | 3.716 | 13.809 |
| Okt' 09 | 360 | 356 | 3.716 | 13.809 |
| Nov' 09 | 416 | 356 | 59.716 | 3566.007 |
| Des' 09 | 356 | 356 | -0.173 | 0.030 |
| TOTAL | | | | 10831.561 |
| MSE | | | | 601.753 |

Tabel L1.8

Tabel peramalan kaos *polo shirt* B dengan metode *single exponential smoothing* $(\alpha = 0,2)$

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 335 | - | - | - |
| Agst' 08 | 370 | 342 | 28.000 | 784 |
| Sep' 08 | 345 | 348 | -2.600 | 7 |
| Okt' 08 | 325 | 347 | -22.080 | 488 |
| Nov' 08 | 401 | 343 | 58.336 | 3403 |
| Des' 08 | 338 | 354 | -16.331 | 267 |
| Jan' 09 | 379 | 351 | 27.935 | 780 |
| Feb' 09 | 379 | 357 | 22.348 | 499 |
| Mar' 09 | 344 | 361 | -17.122 | 293 |
| Apr' 09 | 335 | 358 | -22.697 | 515 |
| Mei' 09 | 356 | 353 | 2.842 | 8 |
| Jun' 09 | 351 | 354 | -2.726 | 7 |
| Jul' 09 | 320 | 353 | -33.181 | 1101 |
| Agst' 09 | 343 | 347 | -3.545 | 13 |
| Sep' 09 | 360 | 346 | 14.164 | 201 |
| Okt' 09 | 360 | 349 | 11.331 | 128 |
| Nov' 09 | 416 | 351 | 65.065 | 4233 |
| Des' 09 | 356 | 364 | -7.837 | 61 |
| Jan' 10 | - | 362 | - | - |
| TOTAL | | | | 12789.154 |
| MSE | | | | 641.064 |

Tabel L1.9

Tabel peramalan kaos *polo shirt* B dengan metode *single moving average* (N = 4)

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 335 | - | - | - |
| Agst' 08 | 370 | - | - | - |
| Sep' 08 | 345 | - | - | - |
| Okt' 08 | 325 | - | - | - |
| Nov' 08 | 401 | 344 | 57.250 | 3277.563 |
| Des' 08 | 338 | 360 | -22.250 | 495.063 |
| Jan' 09 | 379 | 352 | 26.750 | 715.563 |
| Feb' 09 | 379 | 361 | 18.250 | 333.063 |
| Mar' 09 | 344 | 374 | -30.250 | 915.063 |
| Apr' 09 | 335 | 360 | -25.000 | 625.000 |
| Mei' 09 | 356 | 359 | -3.250 | 10.563 |
| Jun' 09 | 351 | 354 | -2.500 | 6.250 |
| Jul' 09 | 320 | 347 | -26.500 | 702.250 |
| Agst' 09 | 343 | 341 | 2.500 | 6.250 |
| Sep' 09 | 360 | 343 | 17.500 | 306.250 |
| Okt' 09 | 360 | 344 | 16.500 | 272.250 |
| Nov' 09 | 416 | 346 | 70.250 | 4935.063 |
| Des' 09 | 356 | 370 | -13.639 | 186.019 |
| Jan' 10 | - | 373 | - | - |
| TOTAL | | | | 6378.125 |
| MSE | | | | 797.266 |

Tabel L1.10

Tabel peramalan kaos *polo shirt* B dengan metode *weighted moving average* (N = 4)

| t | dt | dt' | dt - dt' | (dt - dt') ² |
|----------|-----|-----|----------|-------------------------|
| Jul' 08 | 335 | - | - | - |
| Agst' 08 | 370 | - | - | - |
| Sep' 08 | 345 | - | - | - |
| Okt' 08 | 325 | - | - | - |
| Nov' 08 | 401 | 341 | 60.000 | 3600 |
| Des' 08 | 338 | 364 | -25.900 | 671 |
| Jan' 09 | 379 | 355 | 24.000 | 576 |
| Feb' 09 | 379 | 366 | 13.300 | 177 |
| Mar' 09 | 344 | 373 | -29.000 | 841 |
| Apr' 09 | 335 | 361 | -25.900 | 671 |
| Mei' 09 | 356 | 351 | 5.100 | 26 |
| Jun' 09 | 351 | 350 | 1.400 | 2 |
| Jul' 09 | 320 | 349 | -28.600 | 818 |
| Agst' 09 | 343 | 338 | 5.000 | 25 |
| Sep' 09 | 360 | 339 | 21.000 | 441 |
| Okt' 09 | 360 | 346 | 14.000 | 196 |
| Nov' 09 | 416 | 353 | 63.400 | 4020 |
| Des' 09 | 356 | 381 | -24.589 | 605 |
| Jan' 10 | - | 375 | - | - |
| TOTAL | | | | 6563.480 |
| MSE | | | | 820.435 |

Tabel L1.11

Tabel peramalan kaos *polo shirt* B dengan metode *last period demand*

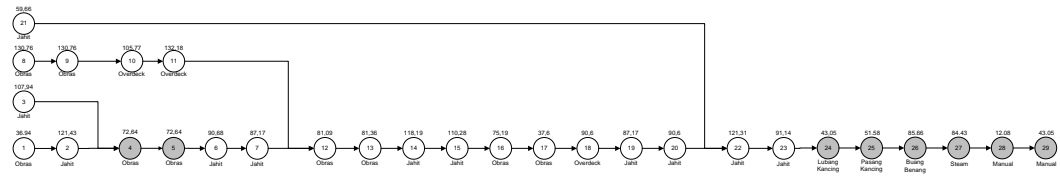
| t | dt | dt' | dt-dt' | (dt - dt') ² |
|----------|-----|-----|------------|-------------------------|
| Jul' 08 | 335 | - | - | |
| Agst' 08 | 370 | 335 | 35 | 1225 |
| Sep' 08 | 345 | 370 | -25 | 625 |
| Okt' 08 | 325 | 345 | -20 | 400 |
| Nov' 08 | 401 | 325 | 76 | 5776 |
| Des' 08 | 338 | 401 | -63 | 3969 |
| Jan' 09 | 379 | 338 | 41 | 1681 |
| Feb' 09 | 379 | 379 | 0 | 0 |
| Mar' 09 | 344 | 379 | -35 | 1225 |
| Apr' 09 | 335 | 344 | -9 | 81 |
| Mei' 09 | 356 | 335 | 21 | 441 |
| Jun' 09 | 351 | 356 | -5 | 25 |
| Jul' 09 | 320 | 351 | -31 | 961 |
| Agst' 09 | 343 | 320 | 23 | 529 |
| Sep' 09 | 360 | 343 | 17 | 289 |
| Okt' 09 | 360 | 360 | 0 | 0 |
| Nov' 09 | 416 | 360 | 56 | 3136 |
| Des' 09 | 356 | 416 | -59.888889 | 3586.67901 |
| Jan' 10 | - | 356 | - | - |
| | | | TOTAL | 15448 |
| | | | MSE | 1404.364 |

Tabel L1.12

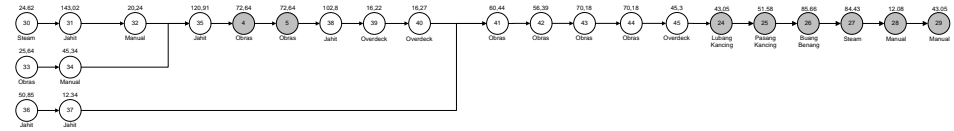
Tabel peramalan kaos *polo shirt* B dengan metode *arithmetic average*

| t | dt | dt' | dt-dt' | (dt - dt') ² |
|----------|-----|-----|------------|-------------------------|
| Jul' 08 | 335 | - | - | - |
| Agst' 08 | 370 | 353 | 17.5 | 306.25 |
| Sep' 08 | 345 | 350 | -5 | 25 |
| Okt' 08 | 325 | 344 | -18.75 | 351.5625 |
| Nov' 08 | 401 | 355 | 45.8 | 2097.64 |
| Des' 08 | 338 | 352 | -14.333333 | 205.444444 |
| Jan' 09 | 379 | 356 | 22.8571429 | 522.44898 |
| Feb' 09 | 379 | 359 | 20 | 400 |
| Mar' 09 | 344 | 357 | -13.333333 | 177.777778 |
| Apr' 09 | 335 | 355 | -20.1 | 404.01 |
| Mei' 09 | 356 | 355 | 0.81818182 | 0.66942149 |
| Jun' 09 | 351 | 355 | -3.8333333 | 14.6944444 |
| Jul' 09 | 320 | 352 | -32.153846 | 1033.86982 |
| Agst' 09 | 343 | 352 | -8.5 | 72.25 |
| Sep' 09 | 360 | 352 | 7.93333333 | 62.9377778 |
| Okt' 09 | 360 | 353 | 7.4375 | 55.3164063 |
| Nov' 09 | 416 | 356 | 59.7058824 | 3564.79239 |
| Des' 09 | 356 | 356 | -0.1728395 | 0.02987349 |
| Jan' 10 | - | 356 | - | - |
| | | | TOTAL | 9294.694 |
| | | | MSE | 546.747 |

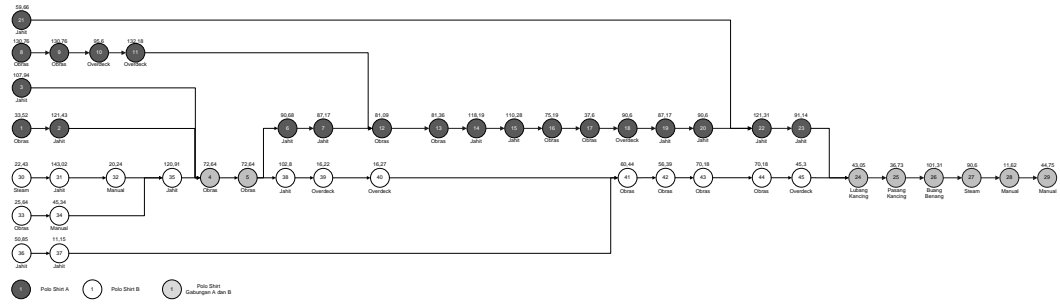
Precedence Diagram lintasan kerja polo shirt A



Precedence Diagram lintasan kerja polo shirt B



Precedence Diagram Gabungan



Region Approach

