

| Task ID | Activity | Pred. | Duration (months) | Budget (K\$) | Progress | AC |
|---------|----------------|-------|-------------------|--------------|----------|------|
| 1 | Preparation | - | 2 | 600 | 100% | 600 |
| 2 | Design | 1 | 3 | 1200 | 100% | 1400 |
| 3 | Implementation | 2 | 2 | 400 | 50% | 200 |
| 4 | Testing | 2 | 3 | 1200 | 33.3% | 500 |
| 5 | Deployment | 4 | 3 | 300 | 0% | 0 |

- In task 2 its 200 over the budget
- They are delay 16.7% of the work
- Over 300 over the budget by the end of the project

$EV = (\% \text{ completed work}) * (BAC)$

$CV = EV - AC$

$SV = EV - PV$

$CPI = EV/AC$

$SPI = EV/PV$

$EAC = BAC / CPI$

| Task # | AC | EV | CV | SV | CPI | SPI | EAC |
|--------|------|-------|--------|--------|------|------|--------|
| 1 | 600 | 600 | 0 | 0 | 1 | 1 | 3700 |
| 2 | 1400 | 1200 | -200 | 0 | 0.86 | 1 | 4316.7 |
| 3 | 200 | 200 | 0 | -200 | 1 | 0.5 | 3700 |
| 4 | 500 | 399.6 | -100.4 | -800.4 | 0.8 | 0.33 | 4629.6 |
| 5 | 0 | 0 | 0 | -300 | - | 0 | - |