

בהרצה קיבלנו את התוצאות הבאות, ניתן לראות שה COST יורד:

```
Cost at iteration 1 is 2201076856.9896
Cost at iteration 2 is 95426526.667
Cost at iteration 3 is 90221914.2042
Cost at iteration 4 is 88355907.3044
Cost at iteration 5 is 87135540.6423
Cost at iteration 6 is 86114133.5845
Cost at iteration 7 is 85231501.5657
Cost at iteration 8 is 84448892.9989
Cost at iteration 9 is 83716944.9527
Cost at iteration 10 is 82622525.4084
Cost at iteration 11 is 81740401.4006
Cost at iteration 12 is 80562746.0364
Cost at iteration 13 is 79905201.1346
Cost at iteration 14 is 79320609.4649
Cost at iteration 15 is 78088659.41
Cost at iteration 16 is 77033506.1741
Cost at iteration 17 is 76089060.9373
```

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Cost at iteration 18 is 75412591.4299
Cost at iteration 19 is 74756548.0505
Cost at iteration 20 is 72822187.8306
Cost at iteration 21 is 71691686.4002
Cost at iteration 22 is 70623126.1861
Cost at iteration 23 is 69693082.5281
Cost at iteration 24 is 68984811.6482
Cost at iteration 25 is 68429003.1218
Cost at iteration 26 is 67819573.0892
Cost at iteration 27 is 67430151.3094
Cost at iteration 28 is 67073065.1421
Cost at iteration 29 is 66472342.0208
Cost at iteration 30 is 65957283.1194
Cost at iteration 31 is 65566219.8465
Cost at iteration 32 is 65123135.7349
Cost at iteration 33 is 64747917.3303
Cost at iteration 34 is 64321977.6669
```

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Cost at iteration 35 is 64074322.5329
Cost at iteration 36 is 63842081.5154
Cost at iteration 37 is 63717346.2833
Cost at iteration 38 is 63664437.2051
Cost at iteration 39 is 63590649.1133
Cost at iteration 40 is 63538374.6263
```

ניתן גם לראות בגרף שה COST יורד:

