Potete utilizzare le formule sotto riportate come template per la compilazione degli esercizi durante gli esami.

* NPPART = ⎡200.000 × 131/(4096 × 0,69)⎤ = 9.271
* Sel(P\_TYPE=‘…’)=1/150
* ETPART = ⎡200.000 / 150⎤ = 1.334
* NPPARTSUPP = ⎡800.000 × 143/(4096 × 0,69)⎤ = 40.478
* NLPS\_PARTKEY = ⎡200.000 × 4 + 800.000 × 4) / (4096 × 0,69)⎤ = 1.416
* Clustered access to PARTSUPP= 2 + ⎡1/ 200.000 × 1.416⎤ + ⎡1/200000 × 40.478⎤ = 2+1+1=**4**
* NL JoinLINEITEM+ORDERS = 9.271 + 1.334 × 4 = **14.607**
* NT PART+PARTSUPP = ⎡800.000 × 1/150⎤ = 5.334
* NP PART+PARTSUPP = ⎡5.334 × (131+143)/(4096 × 0,69)⎤ = 518
* Group by (PART + PARTSUPP) = 2 × 518 × ( ⎡log100 ⎡ 518/101 ⎤ ⎤ + 1) = 2 × 518 × (1 + 1) = **2.072**
* Total cost = **14.607 + 2.072 = 16.679**
* NPORDERS = ⎡1.500.000 x 106/ (4096 x 0,69) ⎤ = 56.259
* NPLINEITEMS= ⎡6.001.215 x 113 / (4.096 x 0,69)⎤ = 239.944
* NLO\_CLERK = ⎡(1.000 x 4 + 4 x 1.500.000 ) / ( 4096 x 0,69 )⎤ = 2.125
* |O\_CLERK|=1.000
* Sel(O\_CLERK=‘…’) = 1/1000
* ETORDERS = 1.500.000 / 1.000 = 1.500
* h-1 = BLEVELIX\_CLERK\_ORDERS = 2
* Unclustered access ORDERS = 2 + ⎡1/1.000 x 2.125⎤ + 1 x Φ(1.500, 56.259) = 2 + 3 + 1.481 = 1.486
* NLL\_ORDERKEY= ⎡(1.500.000 x 4 + 4 x 6.001.215) / ( 4096 x 0,69 )⎤ = 10.617
* h-1 = BLEVELIX\_ORDER\_LI = 2
* Clustered access to LINEITEM = 2 + ⎡1/1.500.000 x 10.617⎤ + 1 x ⎡1/ 1.500.000 x 239.944 ⎤ = 2+ 1 + 1 = 4
* NL JoinLINEITEM+ORDERS = 1.486 + 1.500 x 4 = **7.486**
* NPLINEITEM+ORDERS = ⎡(106+113) x (6.001.215/1.000) / (4096 x 0.69)⎤ = 466
* Sort(LINEITEM+ORDERS) = 2 x 466 x (⎡ log100 ⎡ 466/101 ⎤ ⎤ + 1) = 2 x 466 x (1 + 1) = **1.864**
* Total cost = 7.486 + 1.864 = **9.350**