Assignment #3

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a. S should be the outer relation Minimal III cost = M+M *Ps*N = 400+460 * 100 * 120 minimal INO cost = 4,800,400 b. Pr should be the outer relation Minimal I/O cost = M+ [B-2 minimal IIO cost = 1,320 IIO cost = 2 * M + 2 * N Probing Phase = M+N total cost = 3 (M+N) = 3 (400+120) total cost = 1,560 d. IIO cost = cost to sort + cost to merge = 100 log_(100) + 400 + 120 10 cost & 1,184 (rounded to the neavest whole #) I/O cost = M * M * Ps * cost of retreining = 400 + 400 * 100 * 3 IID (05+ = 120, 400) SXIB IIO cost = 120,400 DXIS TIO cost = M+M*Pa = 120 + 120 * 200 MXIS IIO (0St = 24,120 RMS is the optimal plan because h is sorted and indexed. So we don't need * cost of retreival so the IIO cost is lower

0 0 0. 2 91. The last 1 date = '2021-10-27' (Technicians XX Examine 1411 brons-vanger -score > 0.8 * max_score Planes XX Tests XI Examines 93. (model = Boeing (Planes XI Technicians Hech-name, (Technicians-0 0 Tech-name, phone number 0 91. 0 1 date = '2021-10-27' A 0 Technician 1 Examine date 92. 1 & score > 0.8 * max_score Examine (model : 1900m)

