SELECT DISTINCT [fuel-type] AS fueltype,

[aspiration],

[num-of-doors] AS doors,

[body-style] AS body,

[drive-wheels] AS drive,

[engine-location] AS engineloc,

[wheel-base] AS wheelbase,

[length],

[width],

[height],

[curb-weight] AS weight,

[engine-type] AS enginetype,

CASE

WHEN [num-of-cylinders] IN ('two', 'three', 'four') THEN 'four-or-less'

WHEN [num-of-cylinders] IN ('five', 'six') THEN 'five-six'

WHEN [num-of-cylinders] IN ('eight', 'twelve') THEN 'eight-twelve'

ELSE 'other'

END

AS cylinders,

[engine-size] AS enginesize,

[fuel-system] AS fuelsystem,

[bore],

[stroke],

[compression-ratio] AS compression,

[horsepower],

[peak-rpm] AS rpm,

[city-mpg] AS citympg,

[highway-mpg] AS highwaympg,

[price],

[make],

log([price]) AS lnprice

FROM t1 LEFT OUTER JOIN t2

ON t1.[make-id] = t2.[make-id]

WHERE [fueltype] IS NOT NULL AND

[aspiration] IS NOT NULL AND

[doors] IS NOT NULL AND

[body] IS NOT NULL AND

[drive] IS NOT NULL AND

[engineloc] IS NOT NULL AND

[wheelbase] IS NOT NULL AND

[length] IS NOT NULL AND

[width] IS NOT NULL AND

[height] IS NOT NULL AND

[weight] IS NOT NULL AND

[enginetype] IS NOT NULL AND

[cylinders] IS NOT NULL AND

[enginesize] IS NOT NULL AND

[fuelsystem] IS NOT NULL AND

[bore] IS NOT NULL AND

[stroke] IS NOT NULL AND

[compression] IS NOT NULL AND

[horsepower] IS NOT NULL AND

[rpm] IS NOT NULL AND

[citympg] IS NOT NULL AND

[highwaympg] IS NOT NULL AND

[price] IS NOT NULL AND

[make] IS NOT NULL AND

[enginesize] < 190 AND

[weight] < 3500 AND

[citympg] < 40;