



Experiment No. 2

Trip Generation: Regression Analysis

Model Used : Linear Regression :

Equation: Productions, = $(3.5435233173287) * (\text{Population (Pop)}) + (-52.379464115715) * (\text{Retail Floor Space (RFS) in 1000ft}^2) + (-2.751417680267) * (\text{Employment (EMP)}) + (0.84719805669238) * (\text{Attractions,})$

Trip for each zone(T[i])	Number of Trips
T[1]	16385.482657531
T[2]	5754.9127055447
T[3]	11070.197681538
T[4]	9298.4360228734
T[5]	19929.00597486
T[6]	11070.197681538
T[7]	5754.9127055447