

WH	DC	WH Lat	WH Long	DC Lat	DC Long	Manhattan	
	1	1	45.8	-88.93	25.14	-106.68	38.41
	1	2	45.8	-88.93	28.03	-82.91	23.79
	1	3	45.8	-88.93	39.92	-104.76	21.71
	1	4	45.8	-88.93	27.59	-109.5	38.78
	1	5	45.8	-88.93	44.25	-91.99	4.61
	1	6	45.8	-88.93	33.05	-124.44	48.26
	2	1	25.5	-96.89	25.14	-106.68	10.15
	2	2	25.5	-96.89	28.03	-82.91	16.51
	2	3	25.5	-96.89	39.92	-104.76	22.29
	2	4	25.5	-96.89	27.59	-109.5	14.7
	2	5	25.5	-96.89	44.25	-91.99	23.65
	2	6	25.5	-96.89	33.05	-124.44	35.1
	3	1	30.24	-77.65	25.14	-106.68	34.13
	3	2	30.24	-77.65	28.03	-82.91	7.47
	3	3	30.24	-77.65	39.92	-104.76	36.79
	3	4	30.24	-77.65	27.59	-109.5	34.5
	3	5	30.24	-77.65	44.25	-91.99	28.35
	3	6	30.24	-77.65	33.05	-124.44	49.6
	4	1	30.41	-90.08	25.14	-106.68	21.87
	4	2	30.41	-90.08	28.03	-82.91	9.55
	4	3	30.41	-90.08	39.92	-104.76	24.19
	4	4	30.41	-90.08	27.59	-109.5	22.24
	4	5	30.41	-90.08	44.25	-91.99	15.75
	4	6	30.41	-90.08	33.05	-124.44	37

WH v DC >	1	2	3	4	5	6
1	38.41	23.79	21.71	38.78	4.61	48.26
2	10.15	16.51	22.29	14.7	23.65	35.1
3	34.13	7.47	36.79	34.5	28.35	49.6
4	21.87	9.55	24.19	22.24	15.75	37

WH v DC >	1	2	3	4	5	6	Sum of Units
	1	0	0	855	0	666	0 1521
	2	555	799	0	721	0	854 2929
	3	0 7.95808E-1	0	0	0	0	0 7.95808E-13
	4	0	0	0	0	0	0 0
Sum		555	799	855	721	666	854 4450 sum
Demand		555	799	855	721	666	854 4450

distribution name	demand	latitude	longitude
1 Sugar Swirl	555	25.14	-106.68
2 Peanut Butter	799	28.03	-82.91
3 Smores Sur	855	39.92	-104.76
4 Popping Ca	721	27.59	-109.5
5 Mallow Mel	666	44.25	-91.99
6 Starburst S	854	33.05	-124.44

max_dcs	cost_per_unit	method_to_calculate_distance
2	1	manhattan

warehouse name	set_up_cost	latitude	longitude
1 Coconut Cr	1669	45.8	-88.93
2 Buttercream	1242	25.5	-96.89
3 Fudge Falls	2759	30.24	-77.65
4 Eclair Empi	1750	30.41	-90.08

transportation cost	#####
Total Set	#####
Total Cost	#####

Binary &	Linking Constraints	Setup Cost	Poss vs Actual
1	-2929	1669	1669
1	-1521	1242	1242
0 7.95808E-13		2759	0
0	0	1750	0
2	Total		

Sum of Demand

4450