

Pearson Correlation Analysis

Focused Analysis on Field Padacity_Sales

	Association Measure	p-value
Census_Population	0.89810	0.00017363***
Total_Families	0.86466	0.00059221***
Population_Density	0.86289	0.00062613***
Household_with_Under_18	0.67601	0.02239778*
Land_Area	-0.28890	0.38889983

Full Correlation Matrix

	Padacity_ Sales	Census_ Population	Household_ with_Under_18	Land_ Area	Population_ Density	Total_ Families
Padacity_Sales	1.000000	0.898099	0.676012	-0.288898	0.862894	0.864660
Census_Population	0.898099	1.000000	0.911883	-0.061587	0.927702	0.968005
Household_with_Under_18	0.676012	0.911883	1.000000	0.180704	0.815756	0.907242
Land_Area	-0.288898	-0.061587	0.180704	1.000000	-0.317244	0.099389
Population_Density	0.862894	0.927702	0.815756	-0.317244	1.000000	0.884792
Total_Families	0.864660	0.968005	0.907242	0.099389	0.884792	1.000000

Matrix of Corresponding p-values

	Padacity_ Sales	Census_ Population	Household_ with_Under_18	Land_ Area	Population_ Density	Total_ Families
Padacity_Sales		1.7363e-04	2.2398e-02	3.8890e-01	6.2613e-04	5.9221e-04
Census_Population	1.7363e-04		9.2144e-05	8.5725e-01	3.8717e-05	1.0478e-06
Household_with_Under_18	2.2398e-02	9.2144e-05		5.9492e-01	2.2030e-03	1.1529e-04
Land_Area	3.8890e-01	8.5725e-01	5.9492e-01		3.4180e-01	7.7125e-01
Population_Density	6.2613e-04	3.8717e-05	2.2030e-03	3.4180e-01		2.9571e-04
Total_Families	5.9221e-04	1.0478e-06	1.1529e-04	7.7125e-01	2.9571e-04	