Neighbourship Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

A number in a squared cell indicates how many different numbers the four diagonally adjacent cells contain. A number in a circled cell indicates how many different numbers the eight orthogonally and diagonally adjacent cells contain.

5	8	1	2	3	9	7	4	6
2	3	4	5	6	7	8	1	9
9	7	6	1	8	4	2	3	5
1	9	8	4	2	3	5	6	7
6	4	7	9	5	8	1	2	3
3	5	2	7	1	6	4	9	8
4	6	5	8	9	2	3	7	1
8	2	9	3	7	1	6	5	4
7	1	3	6	4	5	9	8	2

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