

Pivoting Data

<https://advancedsqlpuzzles.com>

Here is a trick I picked up from the book [T-SQL Querying](#).

The [pivot operator](#) is a powerful feature in SQL, but often goes unused due to its complicated syntax.

Here we simplify the syntax by encapsulating the pivot into a stored procedure. Under the hood the stored procedure uses XML and dynamic SQL to accomplish its goal.

To view the stored procedure, link to my GitHub repository below. Also included are example uses of the pivot function.

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A quick look at the syntax shows its simplicity. See the below link to the example script to get a better idea of its usage.

```
EXEC dbo.SpPivotData
    @vQuery = 'sys.tables',
    @vOnRows = 'name',
    @vOnColumns = 'name',
    @vAggFunction = 'COUNT',
    @vAggColumns = '*';
```

I find myself using the pivot stored procedure when performing exploratory data analysis, as this saves me the step of exporting to Excel. Hope you find this as useful as I have.

Happy Coding!