

MATTHEW STALLER

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Experience



Caring Professionals Data Analyst May 2017 to Present

- Creates and develops reports and displays in Excel, VBA, SQL
- Captures, interprets and integrates various data streams
- Exploits previous experience with HHA Exchange



The Dedham Group VBA Developer January 2016 to January 2017

- Creates interactive data-driven dashboards in VBA and Excel
- Develops scraping utilities in VBA



HHA Exchange SSRS Developer June 2014 to April 2015

- Develops reports around accounting and scheduling software



GfK Custom Research SSRS/VBA Developer June 2008 to June 2012

- Develops reports in SSRS and in VBA and Excel
- Creates data-driven "dictionaries" of research results



Haymarket Media Art Director June 2007 to February 2008

- Produces weekly trade magazine in InDesign



Interpublic Group Information Designer April 1995 to July 2003

- Develops displays around media investment data

Education

City College of New York, Architecture
1992

Stuyvesant HS, New York
1988

Research

Determinants in Recurring Sequences
<https://oeis.org/A089270>
2015

WORK SAMPLE

Caring

```
SELECT DISTINCT h.VisitDate,h.AideCode,NULL AS cnt INTO #d
FROM History h

UPDATE #d
SET #d.cnt = 1 FROM #d LEFT JOIN #d b ON #d.AideCode = b.AideCode
AND 1 = CONVERT(DATETIME,#d.VisitDate)
- CONVERT(DATETIME,b.VisitDate) WHERE b.AideCode IS NULL

DECLARE @cntNull INT
SELECT @cntNull = COUNT(*) FROM #d WHERE cnt IS NULL

WHILE (@cntNull>0)

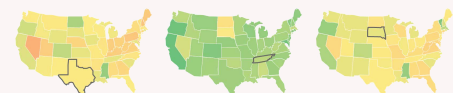
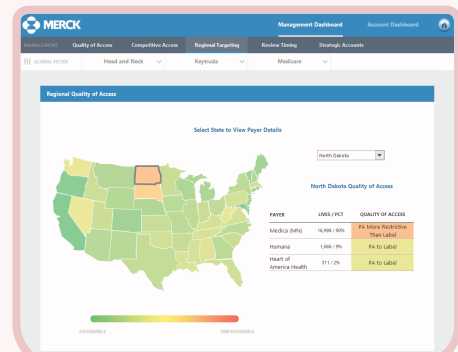
BEGIN
UPDATE #d SET #d.cnt = (c.cnt + 1) % 7
FROM #d INNER JOIN #d c ON #d.AideCode = c.AideCode
AND CONVERT(DATETIME,#d.VisitDate)
= CONVERT(DATETIME,c.VisitDate) + 1 WHERE #d.cnt IS NULL

SELECT @cntNull = COUNT(*) FROM #d
WHERE cnt IS NULL
END
```

This short SQL routine addresses for Caring the problem of identifying so-called "seventh day of rest" violations

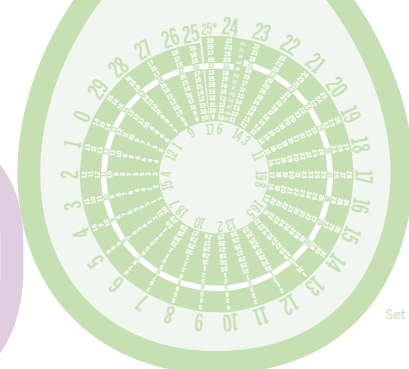
WORK SAMPLE

Dedham



Interactive data-driven dashboards in VBA and Excel

RESEARCH PROJECT
Date of Easter



Set in Benton Sans