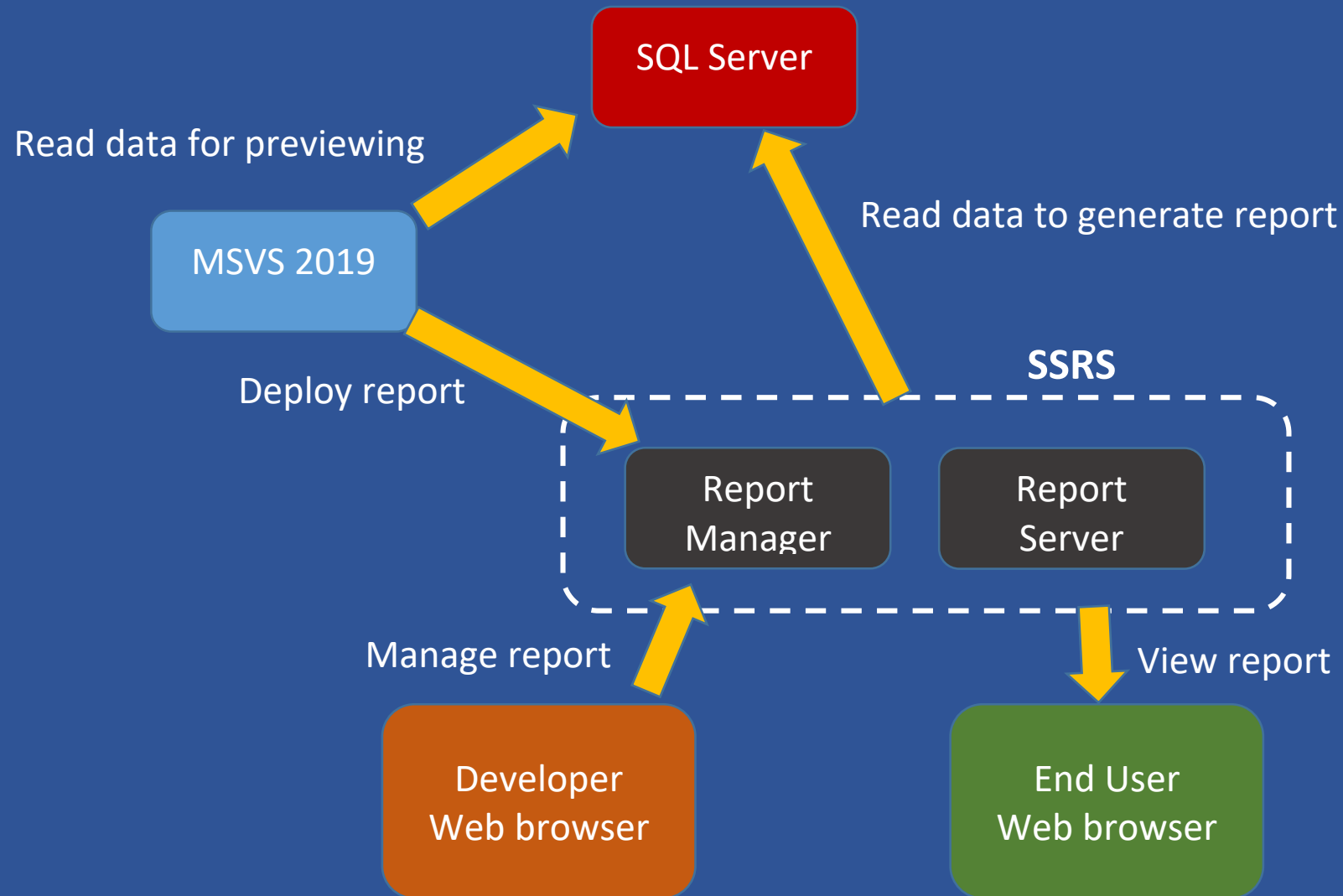# Introduction to SSRS

# SQL Server Reporting Services (SSRS)

- Is a website
- Hosting web-based report
- Provides a set of on-premises tools and services that create, deploy reports
- Report Designer in SQL Server Data Tools (SSDT)
- SQL Server based data
- Drill down / drill through

**GreatFriends.Biz**

# How the report look like

| Product | CY 2006 | CY 2007 | CY 2008 |
|---|---|---|---|
| ⊞ Accessories | $92,735.35 | $296,532.88 | $161,794.33 |
| ⊞ Bikes | $19,956,014.67 | $25,551,775.07 | $13,399,243.18 |
| ⊟ Clothing | $485,587.15 | $871,864.19 | $386,013.16 |
| ⊞ Bib-Shorts | $101,862.71 | $64,876.99 | |
| ⊟ Caps | $9,387.61 | $13,800.95 | $5,665.91 |
| AWC Logo Cap | $9,387.61 | $13,800.95 | $5,665.91 |
| ⊟ Gloves | $88,796.06 | $102,156.07 | $16,823.04 |
| Full-Finger Gloves, L | $39,650.11 | $29,972.09 | |
| Full-Finger Gloves, M | $27,707.73 | $20,280.20 | |
| Full-Finger Gloves, S | $6,997.76 | $4,239.68 | |
| Half-Finger Gloves, L | $2,543.20 | $7,506.91 | $2,013.08 |
| Half-Finger Gloves, M | $7,927.04 | $25,324.82 | $9,073.12 |

# SSRS Architecture



SQL Server

Read data for previewing

MSVS 2019

Read data to generate report

Deploy report

**SSRS**

Report Manager

Report Server

Manage report

View report

Developer Web browser

End User Web browser

# Set up steps

1. Install SQL Server 2017
2. Install SQL Server Management Studio
3. Install SQL Server Reporting Services
4. Install Visual studio 2019 community
5. Restore sample databases
6. Create a test report
7. Setup SSRS
8. Deploy report
9. View report. Make sure it works