



# Module 2

## Multidimensional data representation and manipulation

### Lesson 6: Overview of WebPivotTable



# Lesson Objectives

- Gain exposure to WebPivotTable
- Learn about alternative to pivot tables in Microsoft Excel



# WebPivotTable

- Web-based for desktop and mobile devices
- Execute independently or integrate into web sites
- Javascript implementation
- Mimics features in Microsoft Excel pivot tables
- Flexible usage, interfaces, and output formats as well as MDX support



# Basic Pivot Table

DataSource PivotTable Report

Sheet 1

Pivot Fields List

- ☒ VOTER (4000)
- ☒ PARTY (5)
- ☐ PRECINCT (23)
- ☒ AGE GROUP (7)
- ☐ LAST VOTED (4)
- ☐ YEARS REG (48)
- ☐ BALLOT STATUS (3)

Drag fields between areas below:

Filters

Columns

AGE GROUP

Rows

PARTY

Values

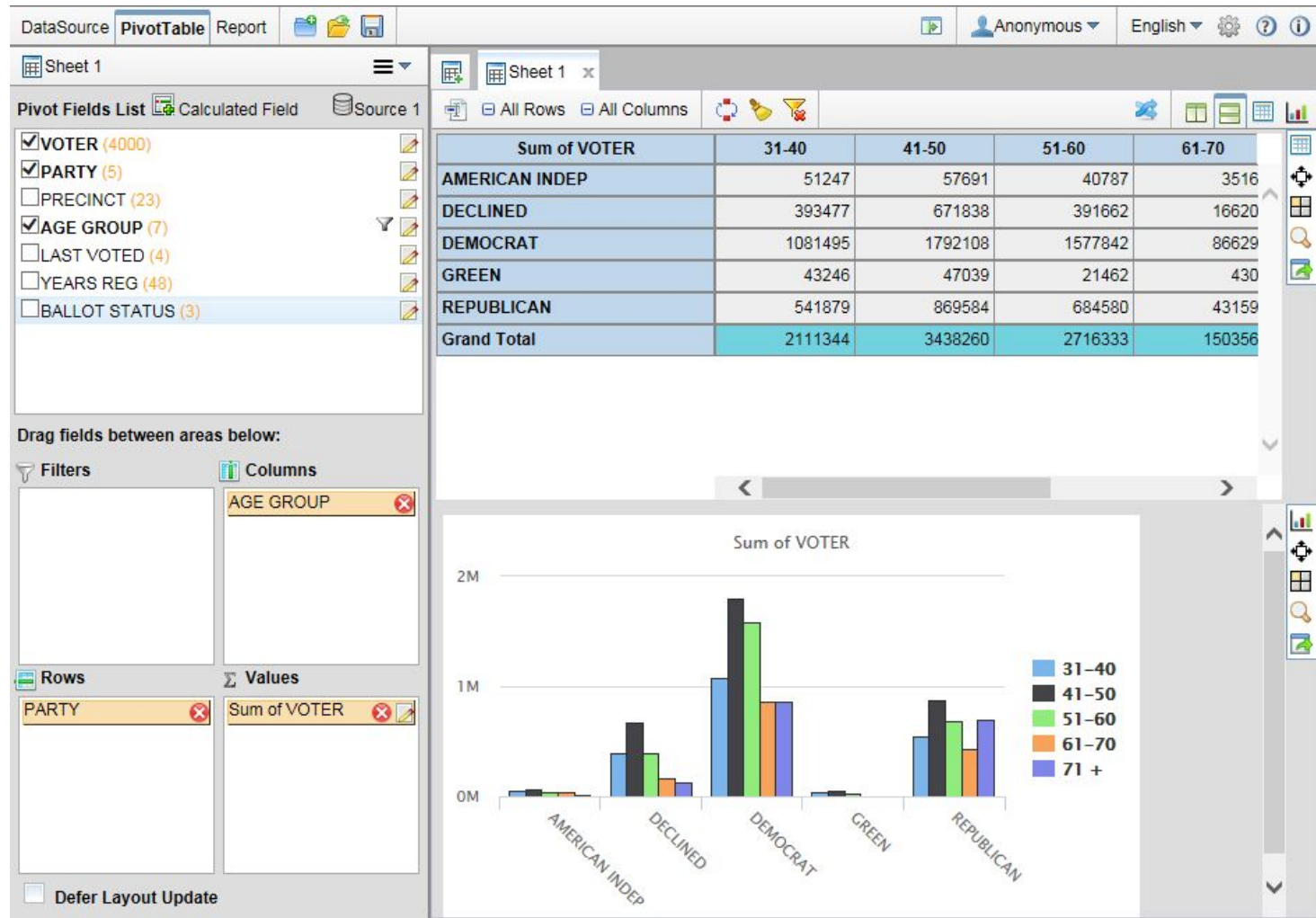
Sum of VOTER

Defer Layout Update

Sum of VOTER	31-40	41-50	51-60	61-70
AMERICAN INDEP	51247	57691	40787	3516
DECLINED	393477	671838	391662	16620
DEMOCRAT	1081495	1792108	1577842	86629
GREEN	43246	47039	21462	430
REPUBLICAN	541879	869584	684580	43159
Grand Total	2111344	3438260	2716333	150356

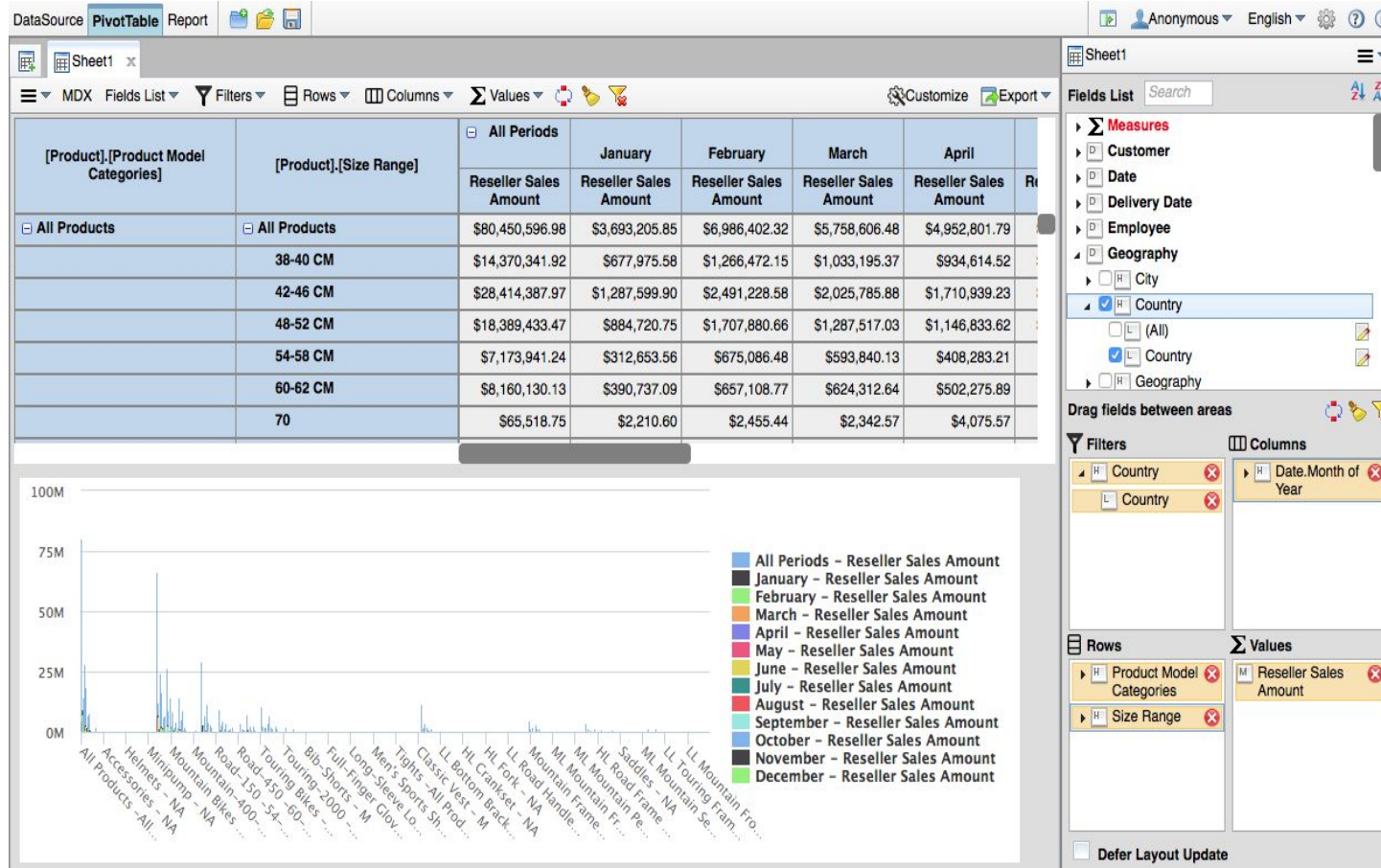


# Pivot Table with Chart





# External OLAP Server Usage



# Summary

- Features similar to Microsoft Excel Pivot Tables
- Supports external OLAP servers and MDX
- Convenient browser usage

