Mobile Reports

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Agenda

Web Portal

Mobile Report Publisher

Report Builder

Dashboards & Mobile Reports
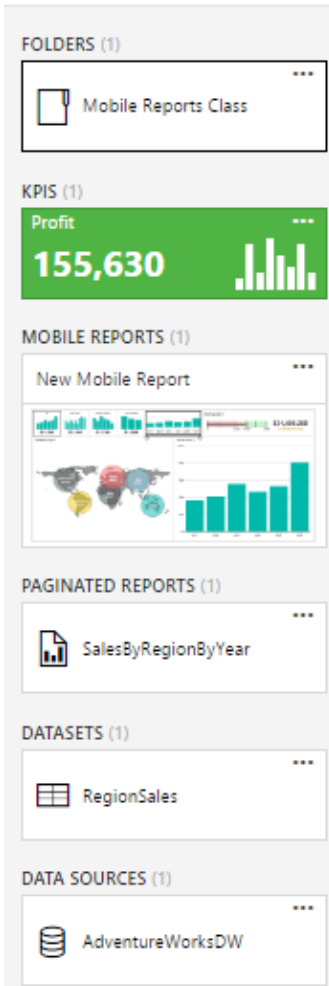
Advanced Features

What's New in 2016

Acquisition of Datazen

New Web Portal

Updated Report Builder

Mobile Report Publisher

Power Bi On-Prem

New Web Portal

Report Improvements

HTML5 Support
Print without ActiveX Control
Modern Paginated Reports
Report embedding.
PowerPoint Rendering and Export

Custom Branding

KPIs
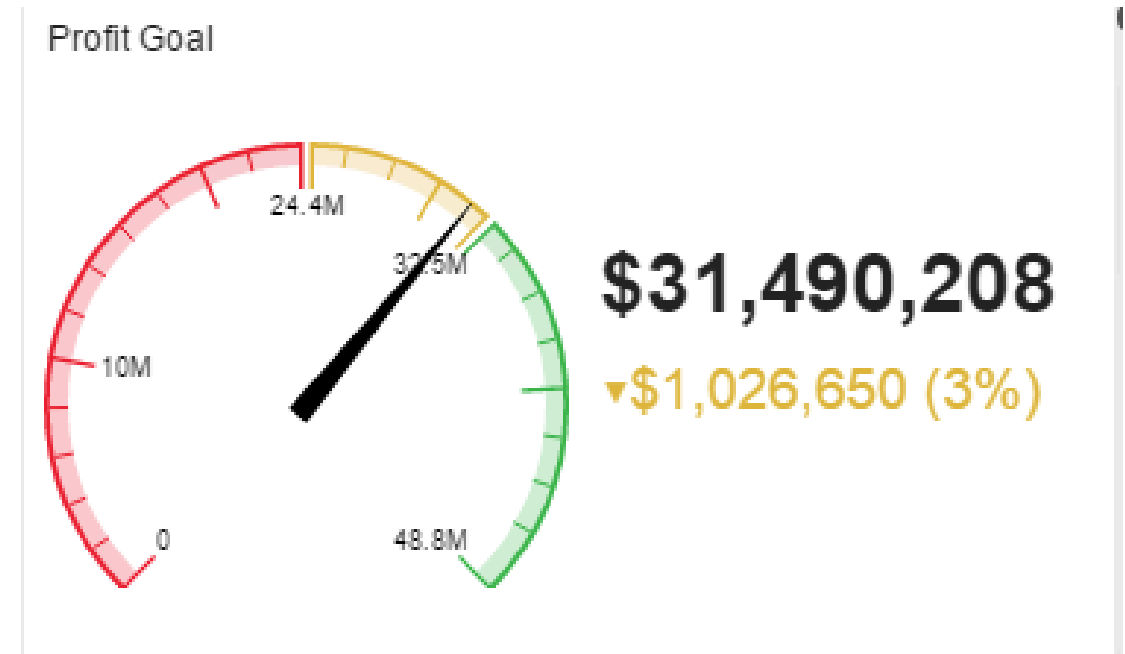
Folders

Dashboard Characteristics

Graphical Data

Key Trends
Comparisons
Exceptions

Goal Oriented

Displays data relevant to a goal

Analysis Free

Predefined Analysis and Conclusions

Profit Goal

$31,490,208
▼$1,026,650 (3%)

Report Characteristics

Graphical and Table Data

Viewing and Analysis

Non Goal Oriented

No predefined conclusion
Simply represents the data

Analysis Rich

Drill through
Drill down
Interactive Drilling

Region	2010		2011		
	Sales Amount	Product Cost	Sales Amount	Product Cost	Sales Amount
Australia	$20,909.78	$12,236.29	$2,563,732.25	$1,525,215.02	$2,128,407.46
Canada	$3,578.27	$2,171.29	$571,571.80	$343,867.61	$307,604.52
Central					$2,071.42
France	$3,399.99	$1,912.15	$410,845.33	$246,116.25	$648,065.54
Germany			$520,500.16	$310,985.77	$608,657.98
Northeast					$2,049.10
Northwest	$3,399.99	$1,912.15	$927,056.76	$556,929.02	$619,068.48
Southeast					$3,637.40
Southwest	$11,433.91	$6,927.03	$1,531,228.41	$919,760.75	$810,222.33
United Kingdom	$699.10	$413.15	$550,591.22	$328,587.76	$712,700.96
Total	$43,421.04	$25,572.06	$7,075,525.93	$4,231,462.19	$5,842,485.20

Dashboard Design

Design First Approach

Simulated Data

Data Collection Second

Goal Oriented

Mobile Report Publisher

Mobile Report Publisher

New report editing tool

Reports

Desktop
Tablet
Mobile

SQL Server 2016

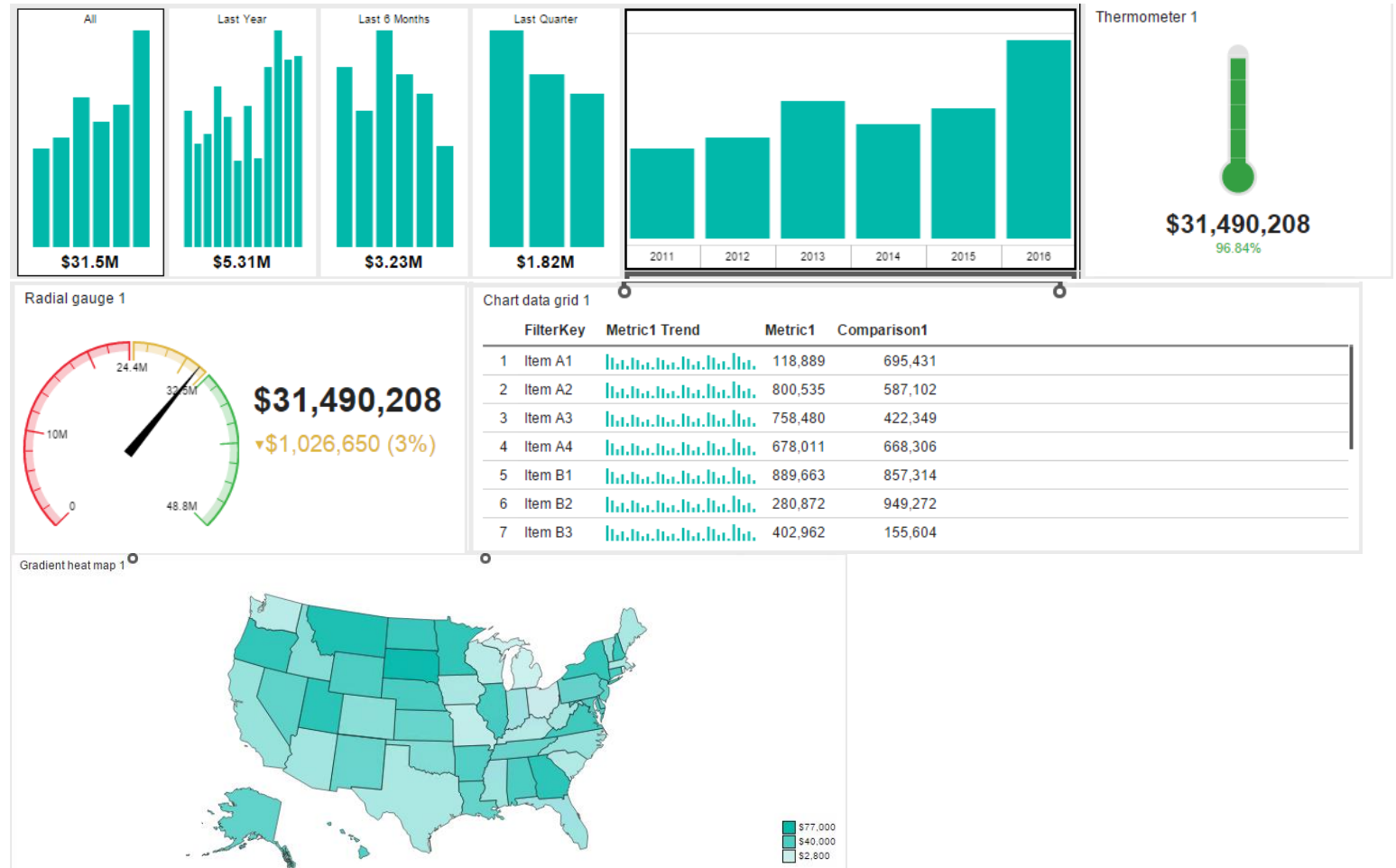Publish reports to Web Portal

Dashboard Visualizations

Navigators

Gauges

Charts

Maps

Data Grids

Dashboard Design

Whiteboard

Collaboration

5 Second Rule

Less is More

Review!

Creating Data Sources

Connection String

No GUI provided

Manage

Properties
Subscriptions
Dependent Items
Security

Add to Favorites

Properties

Name

AdventureWorksDW2016

Description

Connection to Adventure Works data warehouse.

☐ Hide in tile view ☑ Enable this data source

Connection

Type

Microsoft SQL Server

Connection string Learn more

data source="pearson-sql2016";initial catalog="AdventureWorksDW2016"

Available Data Sources

Microsoft SQL Server

Microsoft Azure SQL Database

Microsoft SQL Server Analysis Services

Microsoft SharePoint List

Oracle Essbase

SAP BW

OLE DB

ODBC

XML

Adding a Dataset

Report Builder

GUI
TEXT
Import

Use Existing Sources

Data Sources must be created in advance.

Time Navigators

Valid Date Table

Time Levels

Years/Quarters/Months/Weeks/Days/Hours

Time range presets

All/Last Year/This Year/Last 6 Months

Default time range

Default time range selection for dashboard

Filtering

Basic Filtering

Data set filtering
Visual filtering

Cascading Filters

Filtering Filters

Working with Gauges
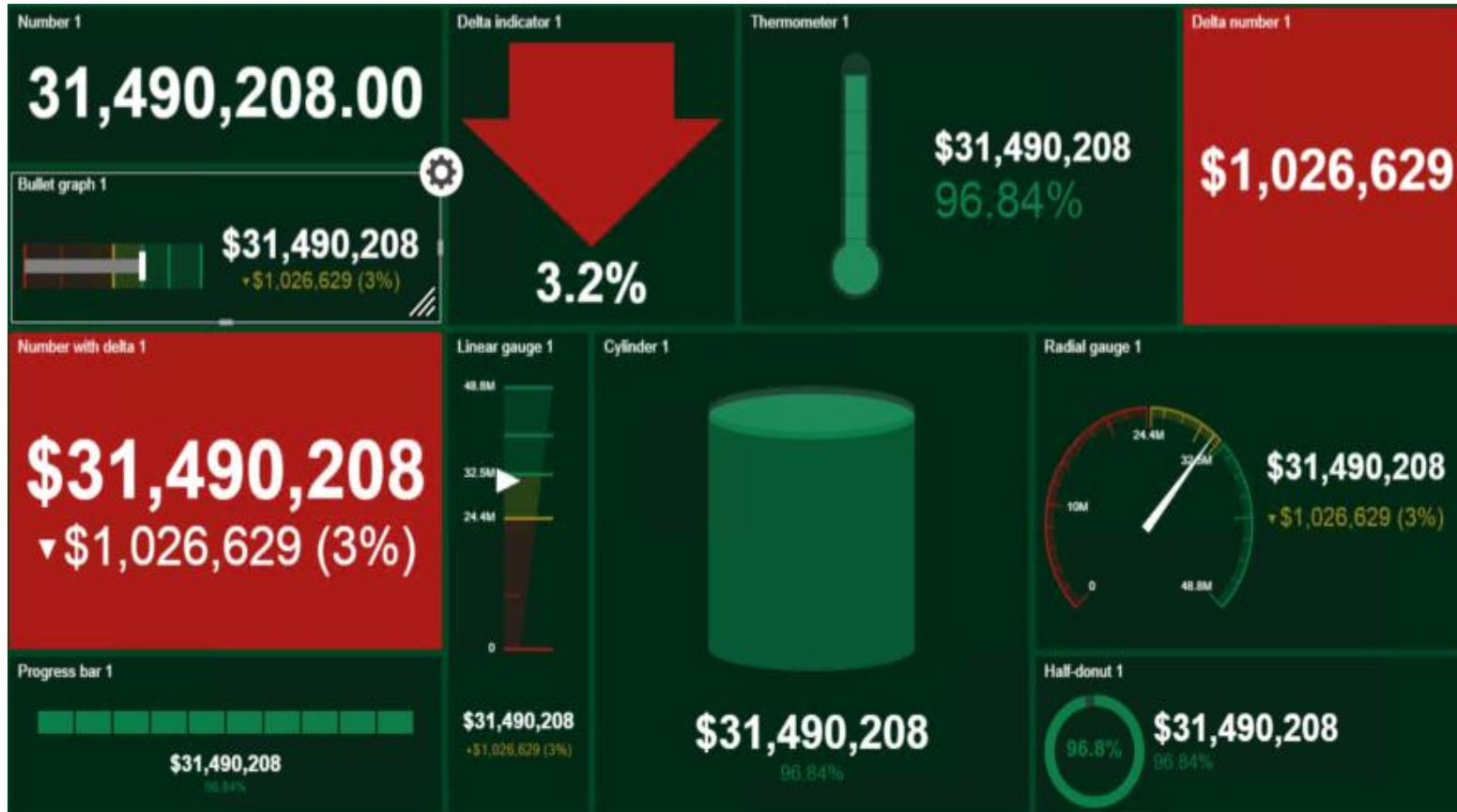
Different Gauges
- Number
- Delta number
- Delta indicator
- Number with delta
- Radial gauge
- Linear gauge
- Bullet graph
- Progress bar
- Cylinder
- Half-donut
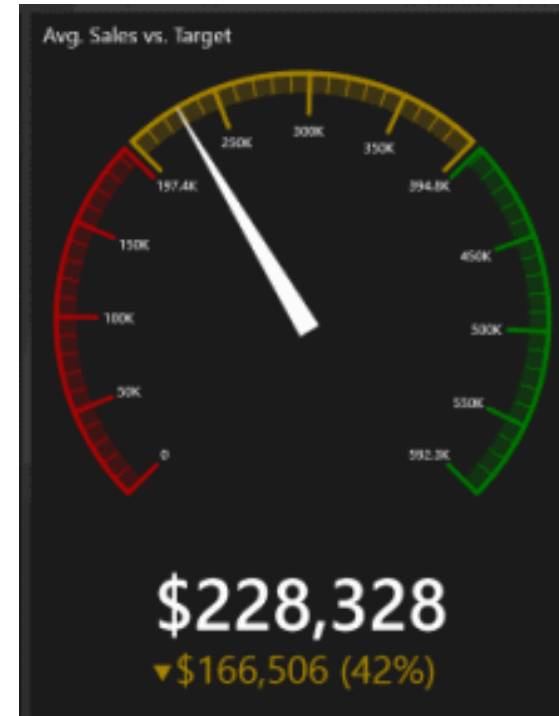- Thermometer

Gauges

Drillthrough Capabilities

Dashboards
Custom URL

Predefined Conclusion

KPI similarities

Data Properties

Main Value
Comparison Value

Avg. Sales vs. Target

250K 300K 350K
197.4K   394.8K
150K   450K
100K   500K
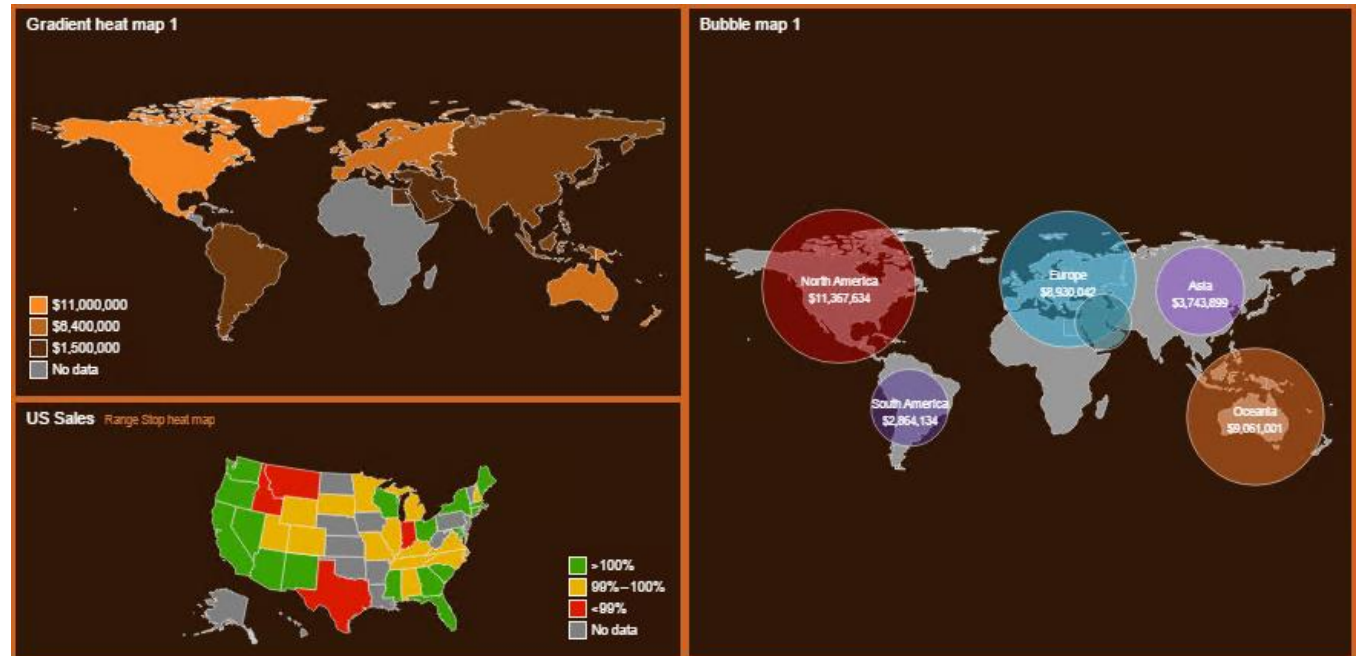50K   550K
0   592.3K

$228,328
▼$166,506 (42%)

Geographical Maps

Gradient heat map

Range stop heat map

Bubble map

Map Characteristics

Static maps

Drillthrough

Custom Maps
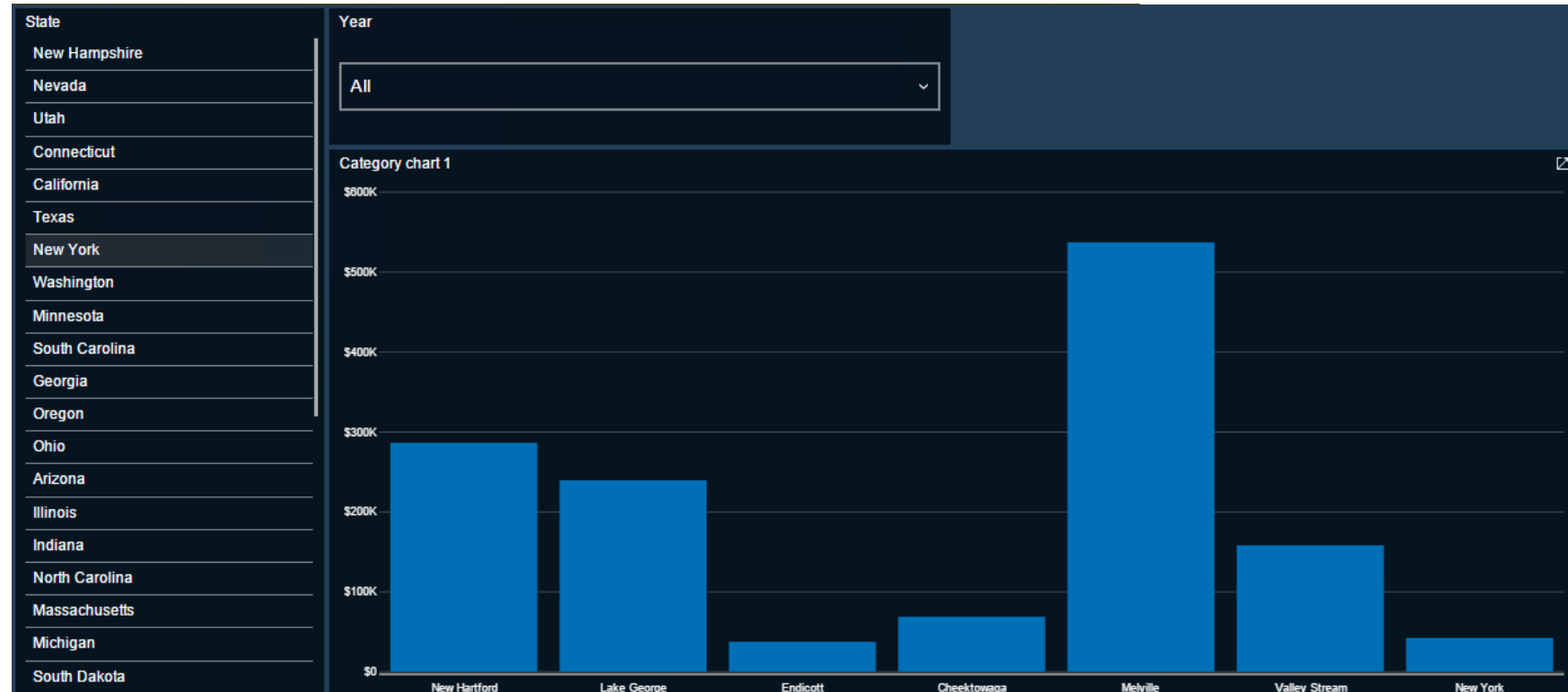
Built in maps

Greece
Ireland
Italy
Mexico
Netherlands
Poland
Portugal
Switzerland
United kingdom
USA

North America
South America
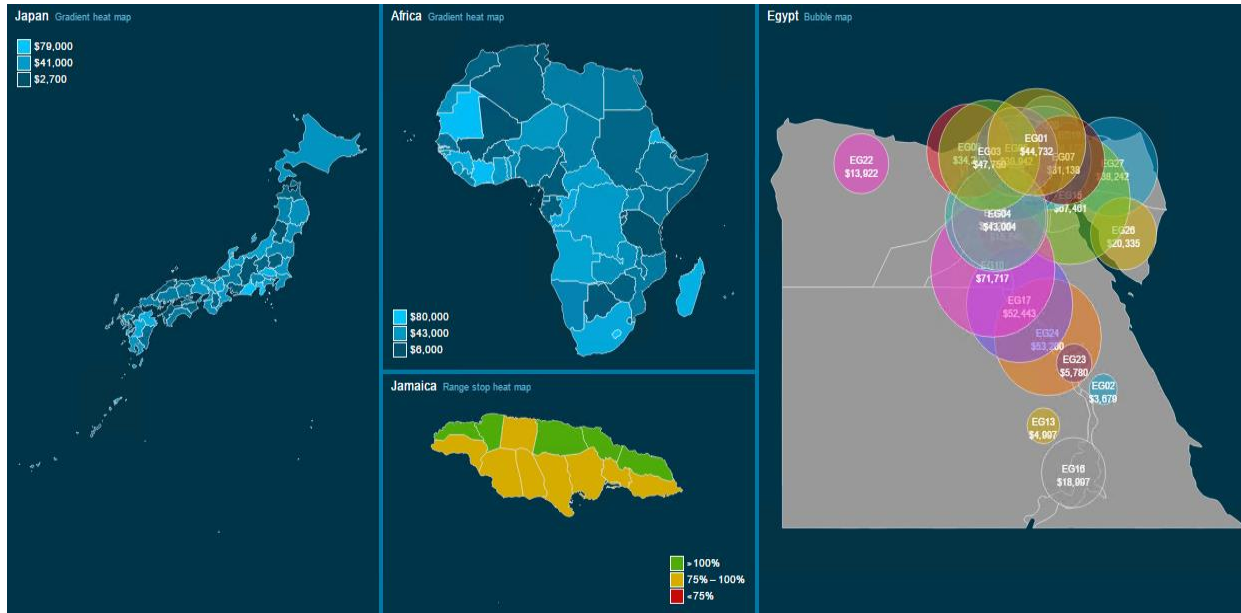World continents
World regions
Australia
Austria
Brazil
Canada
Cuba
France
Germany

Custom Maps

Two files

A .SHP file for shape geometries
A .DBF file for metadata

Christopher Finlan

Reporting Services Program Manager
https://christopherfinlan.com/

Advanced Features

Configuring Drillthrough

Drillthrough Visuals

Gauge
Chart
Datagrid

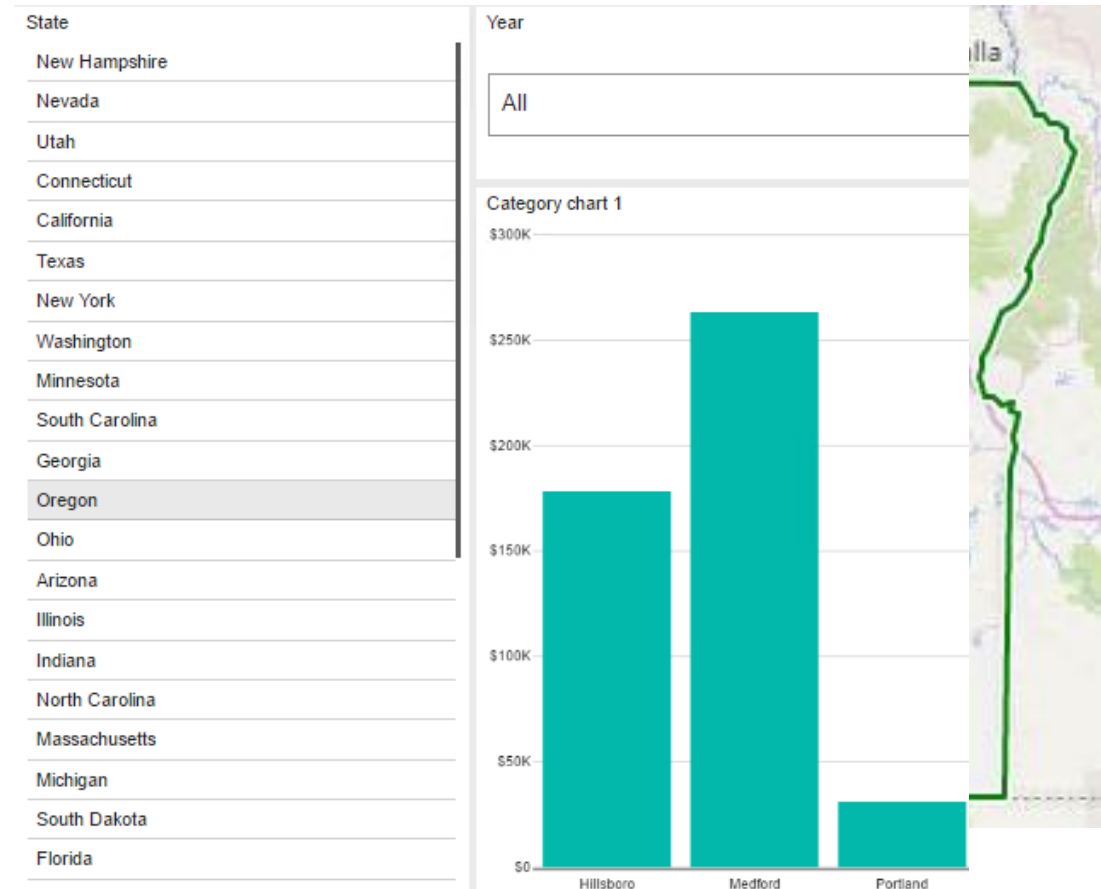## Drillthrough options

Target dashboard
Custom URL

Input Parameters

Navigator Controls
Data table Parameters
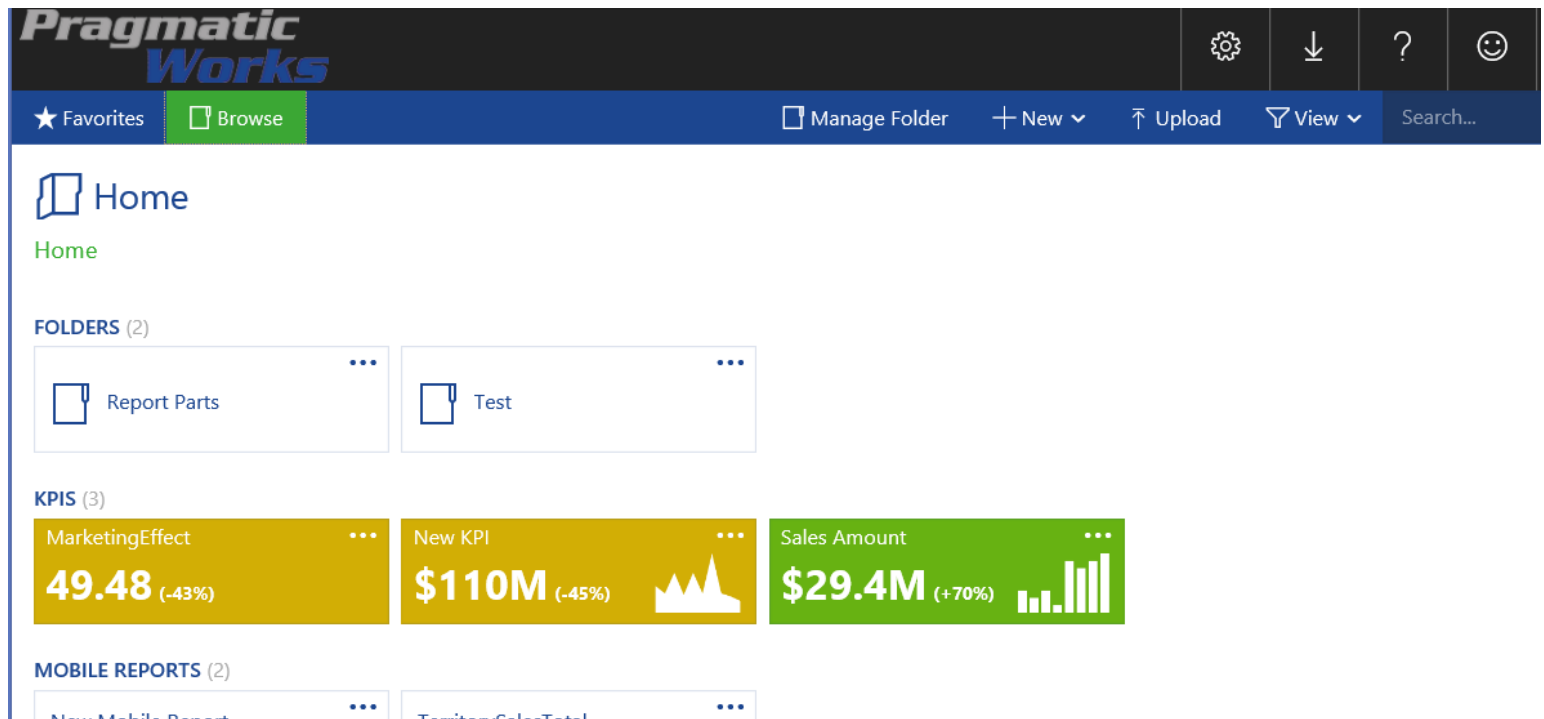
Custom URL options

Paginated Reports

Bing maps

Branding your Web Portal

Branding Your Web Portal

Customizing the Interface

Change Colors

Add a logo

Branding Pack

Zip File

Colors.json

Logo.png

Metadata.xml