# Module 10 Dashboard Design and Visualization Tips

# Design and navigation tips

#### General tips:

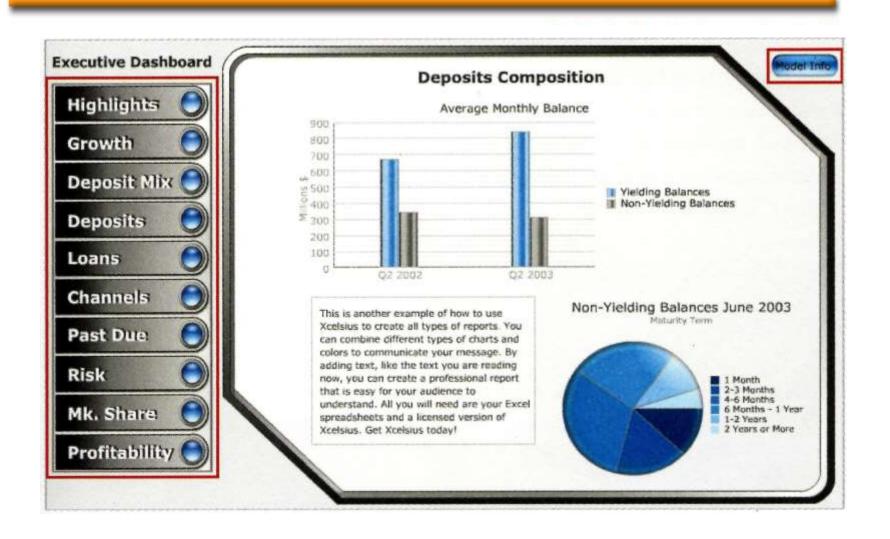
- Three symptoms of a less than successful solution
- User needs and preferences should be the top priority
- Limit KPIs used
- Don't disregard familiar and widespread solutions
- Ensure consistency
- Explain the rules
- IT administration

# Design and navigation tips (continued)

#### Navigation tips:

- Pay attention to navigation between major UI items
- Expect users to make mistakes
- Organize screen navigation

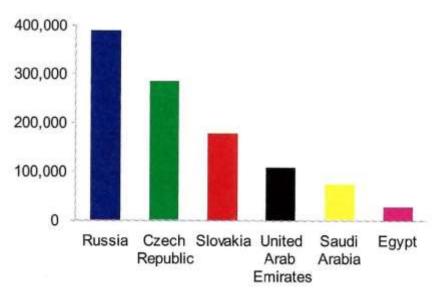
## Figure 84: Navigation reqd. for each product

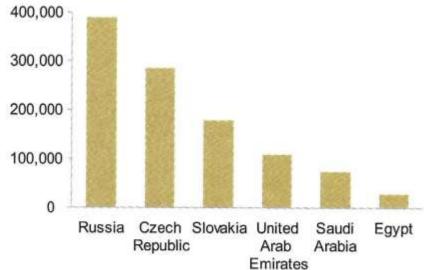


# UI and visualization tips

- Set and enforce standards
- Word messages and labels effectively
- Understand the UI widgets
- Beware of other applications' limitations
- Use color appropriately

# Figure 85: Unnecessary use of colors





## Figure 86: Unnecessary fill colors



Unnecessary fill colors used to separate display sections

# Ul and visualization tips (continued)

- Follow the contrast rule
- Align fields effectively
- Design should be intuitive
- Do not create busy user interfaces
- Group items effectively

## Presentation tips: Charts

#### Use appropriate charts

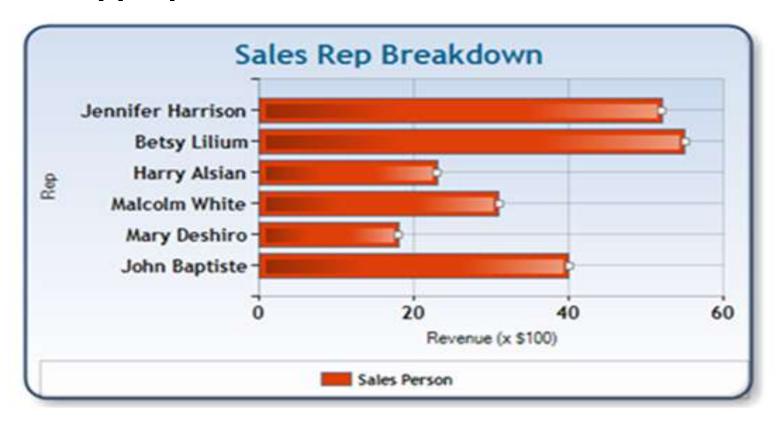


Figure 87: Bar chart

Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design/

#### Presentation tips: Charts

#### Give charts meaningful titles

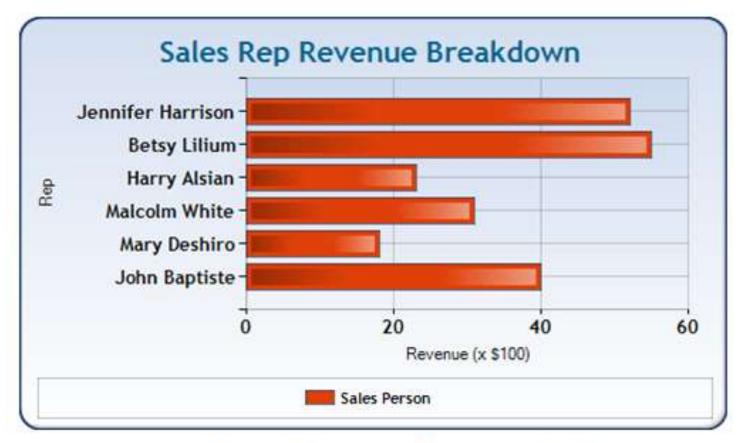


Figure 88: Chart with meaningful title

Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design/

# Figure 89: Gauge styling

For pointers, be careful with using similar colors



Pointers with similar colors
Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design

Pick a base color as the starting point for one pointer

Pick a base color as the starting point for one pointer



Figure 90: Gauge with too many pointers
Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design/

- Use a legend to distinguish pointers
- Use global legends



Figure 91: Unified legend saving space Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design/

- Use gauge style appropriately
- Use neutral color for the gauge background



Figure 92: Neutral background to make pointers pop out Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design/

- Choose a complementary color for the target color
- Range colors



Figure 93: Gauge (with ranges indicating good, fine, or bad values)
Source: http://www.dundas.com/discover/article/the-art-of-dashboard-design/

- Scale labeling
- Don't underestimate the UI importance

## Tips to guarantee dashboard work effectively

- Organization
- Comparisons
- Display and visualization
- Monitoring