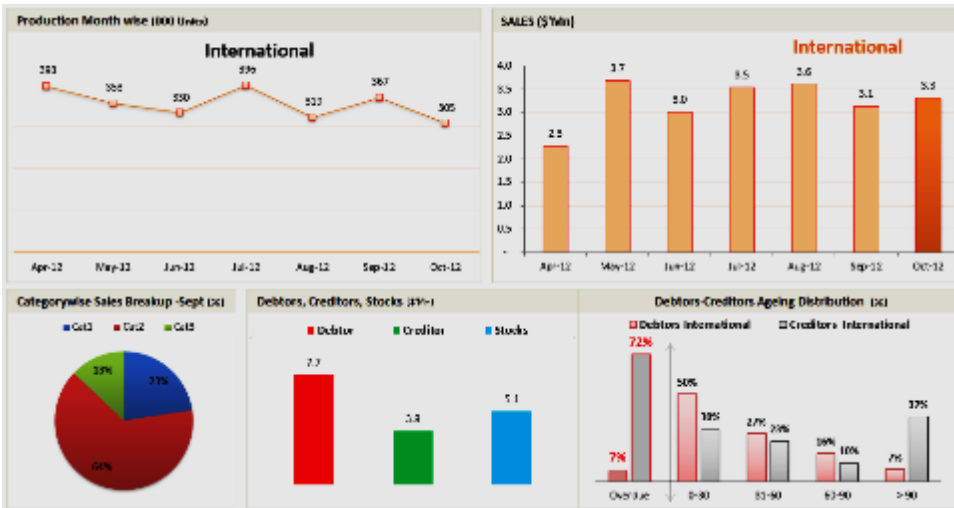


Interactive Dashboards (Non-Technical)



Business Intelligence - Creating Interactive Dashboards Using Excel

2 Days

Business Intelligence (BI) is what you get when you analyze raw data and turn that information into actionable knowledge. Dashboards and reports are ideal mechanisms for delivering this targeted information in a graphical, user-friendly form.

Prerequisites

This course is recommended for experienced excel users. The ideal candidate has experience working with data in excel, along with familiarity with the basic concepts of data analysis.



Interactive Dashboards Using Excel

A dashboard is a visual interface that provides at-a-glance views relevant to the goal of the dashboard along. It relieves the reader from having to perform his/her own analysis.

Who should attend

Individuals responsible for MIS, Business Analysis, Performance Scorecards, Budget Vs Actuals Reports, and Strategic Plans would benefit from this course.

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Course Outline

◆ What is a Dashboard?

Dashboard Types & Examples
Overview: Dashboard Creating Process

◆ Defining The Purpose Of The Dashboard

Requirement of End Users
Scope: Domain /Department
Frequency
Appropriate Metrics or KPIs as per
Domain/Department

◆ Data for Dashboards

Excel Files
Text Import Utility
Web Data
Using Access Databases for BIG data
Power Query
Tables
Raw Data Dimensions

◆ Pivot Tables & Power Pivot Tables

Beyond SUMIF & COUNTIF
Calculating % of Total, YTD, Variance & Growth
Rates
Converting a Pivot to a Range
Using "Table" to Create Pivot Table

◆ Named Ranges

Static Named Range
Constant Named Range
Dynamic Named Range (with Formulas)

◆ Macros - The Copy-Paste Way

To Create Dynamic Named Range

◆ Formulas & Functions

CHOOSE()	MATCH()	SUBSTITUTE()
CONCATENATE()	MAX()	TEXT()
FIND()	MID()	TRIM()
INDEX()	OFFSET()	LEN()
LEFT()	RIGHT()	VLOOKUP()

◆ Charts and Sparklines

WaterFall Charts
Sparklines
Thermometer Charts
Speedometer Charts
Combination Charts

◆ Conditional Formatting

Visualization without Charts

◆ Interactivity - Giving Life To Dashboard

Radio Buttons
Check Boxes
Scrollbar
Slicers

◆ Dashboard Design Tips & Tricks

Layouts
Color, Fonts and other Design Elements
Dashboard Message
Using Right Charts According to the Message

◆ Getting Hands On : Making Sample Dashboards

Finance Dashboard
Sales Dashboard
Inventory Dashboard

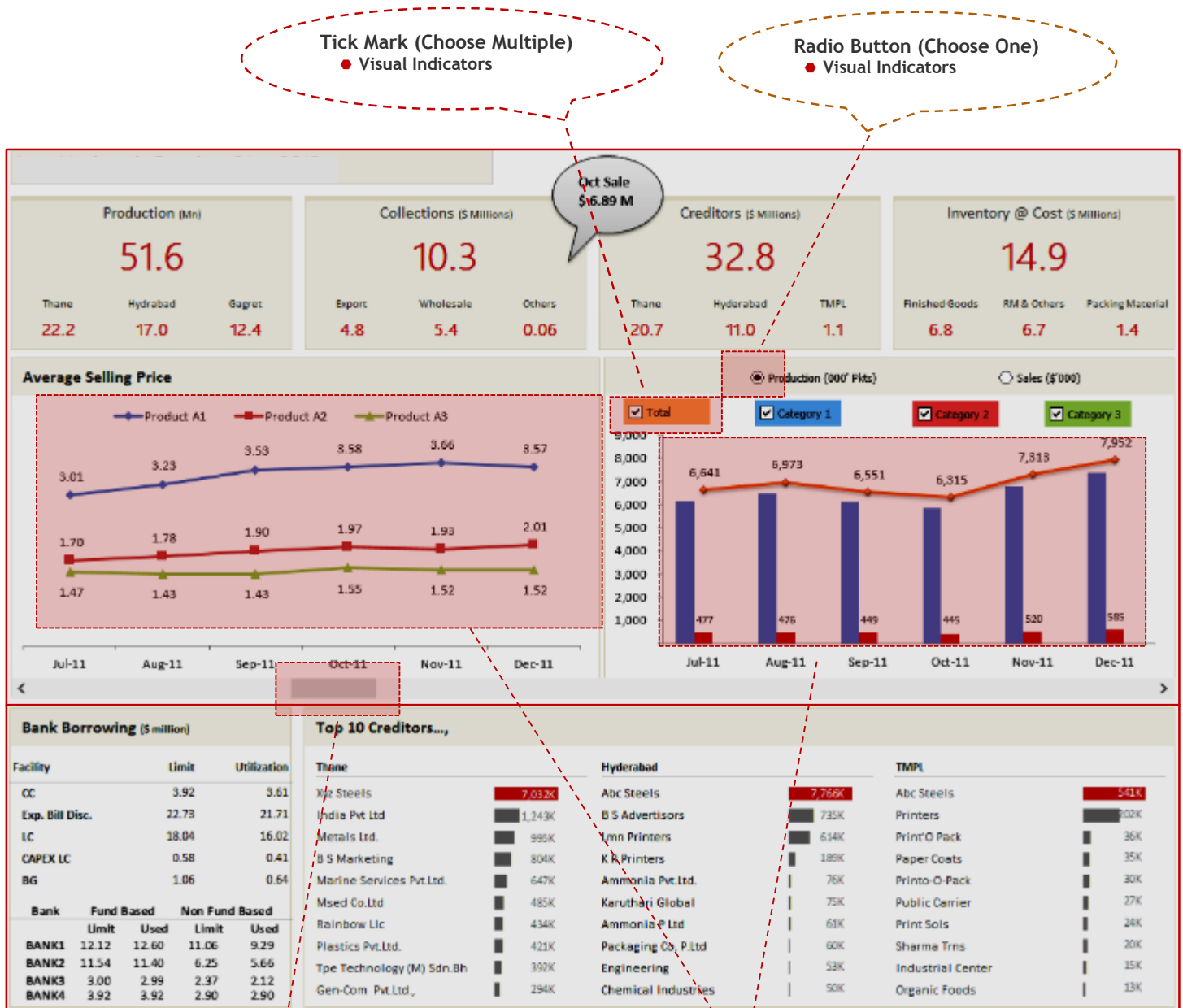
◆ Securing Your Dashboards

Protecting Dashboard

◆ Bonus: Other BI Tools Demo

Demo: Dashboard with Power BI

Sample Interactive Dashboards

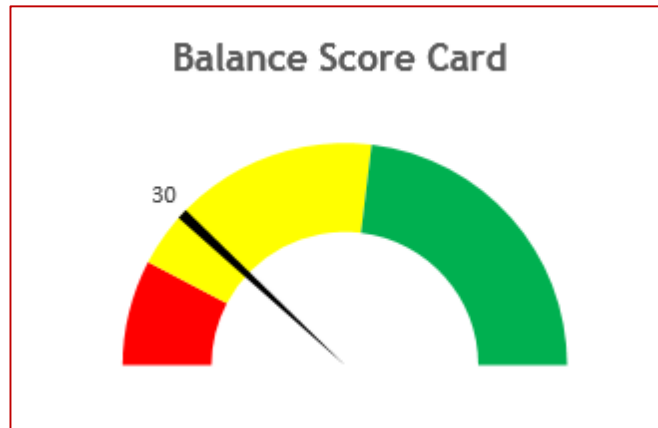


Slider/Scroll Bar
● Change Months

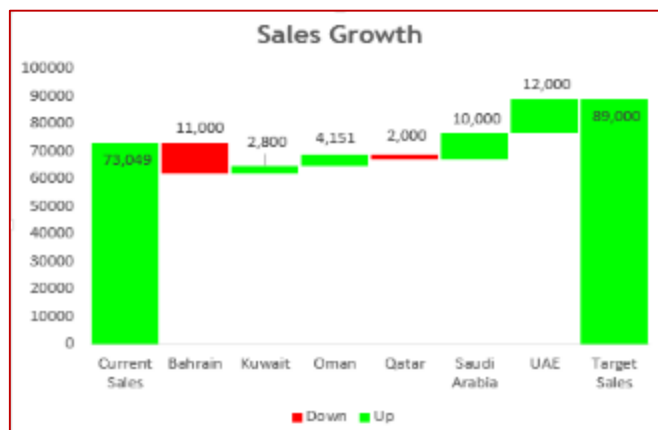
Charts
● Visual Representation
● Compare Trends

Interactive Dashboard Charts

1. Speedometer Chart or Gauge Chart or Dial Chart



2. Waterfall Chart



3. Thermometer Chart

