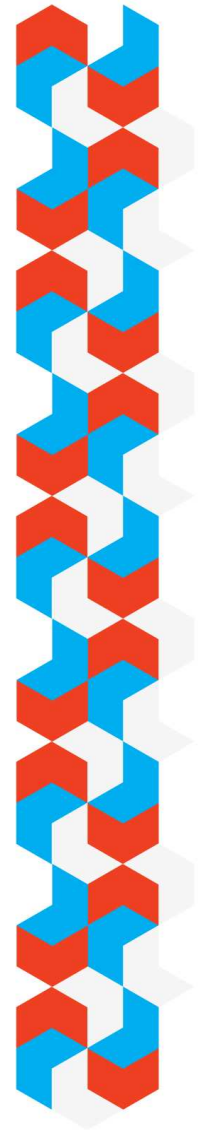
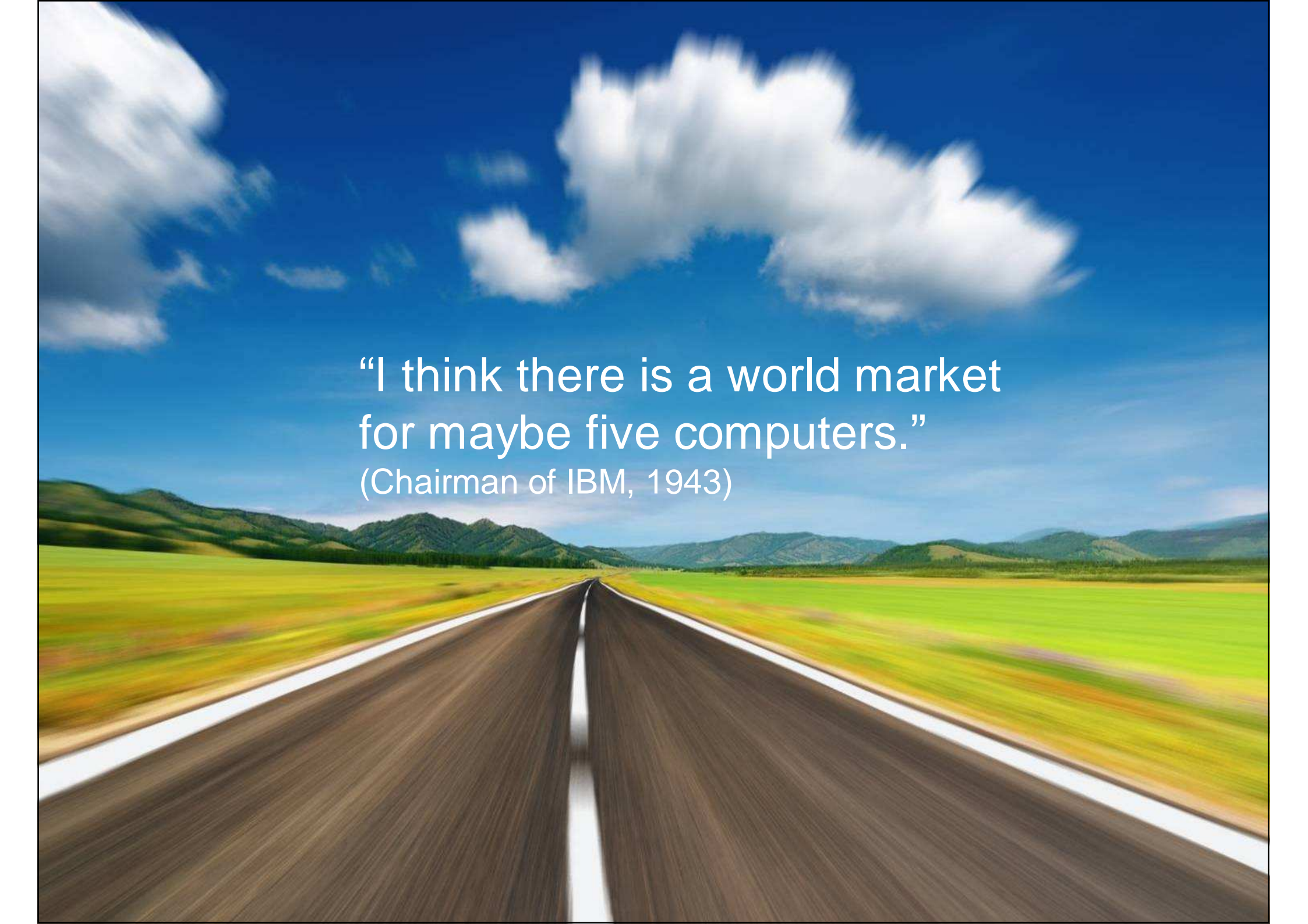


IBM Cognos Performance
Better Intelligence. Better Business.

Rolling Forecasts in turbulent times

Stephen Brook
Manager, IBM Cognos Innovation Center for
Performance Management



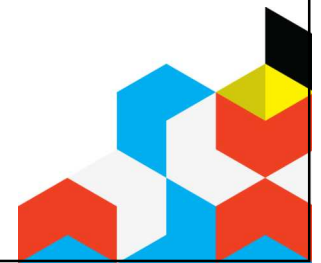
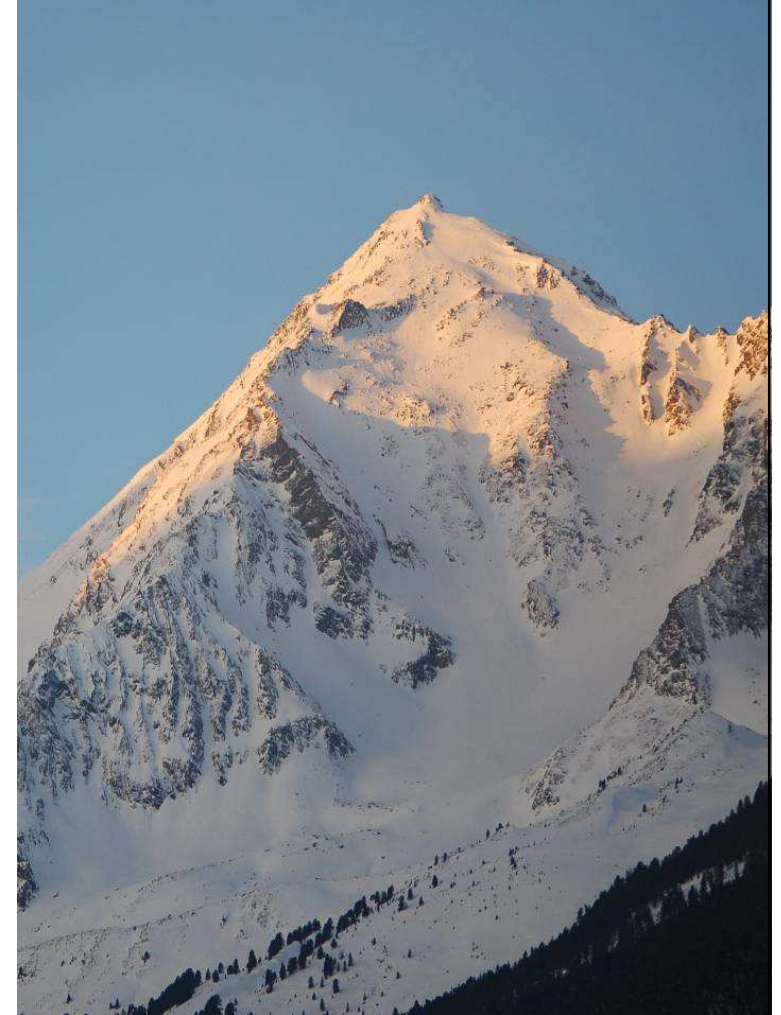
A long, straight asphalt road stretches from the foreground into the distance, flanked by vibrant green fields. In the background, there are rolling green hills and mountains under a bright blue sky with scattered white clouds. The text is centered in the upper half of the image.

“I think there is a world market
for maybe five computers.”
(Chairman of IBM, 1943)

Session Objectives

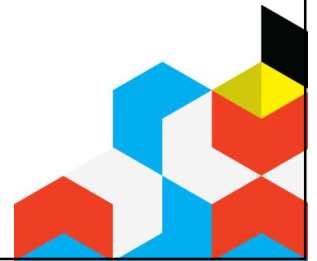
In today's session we will:

- Discuss the **relevance** of forecasting
- Review **best practices** for **implementing** a rolling forecast
- Identify how you can **improve** a forecasting process using IBM



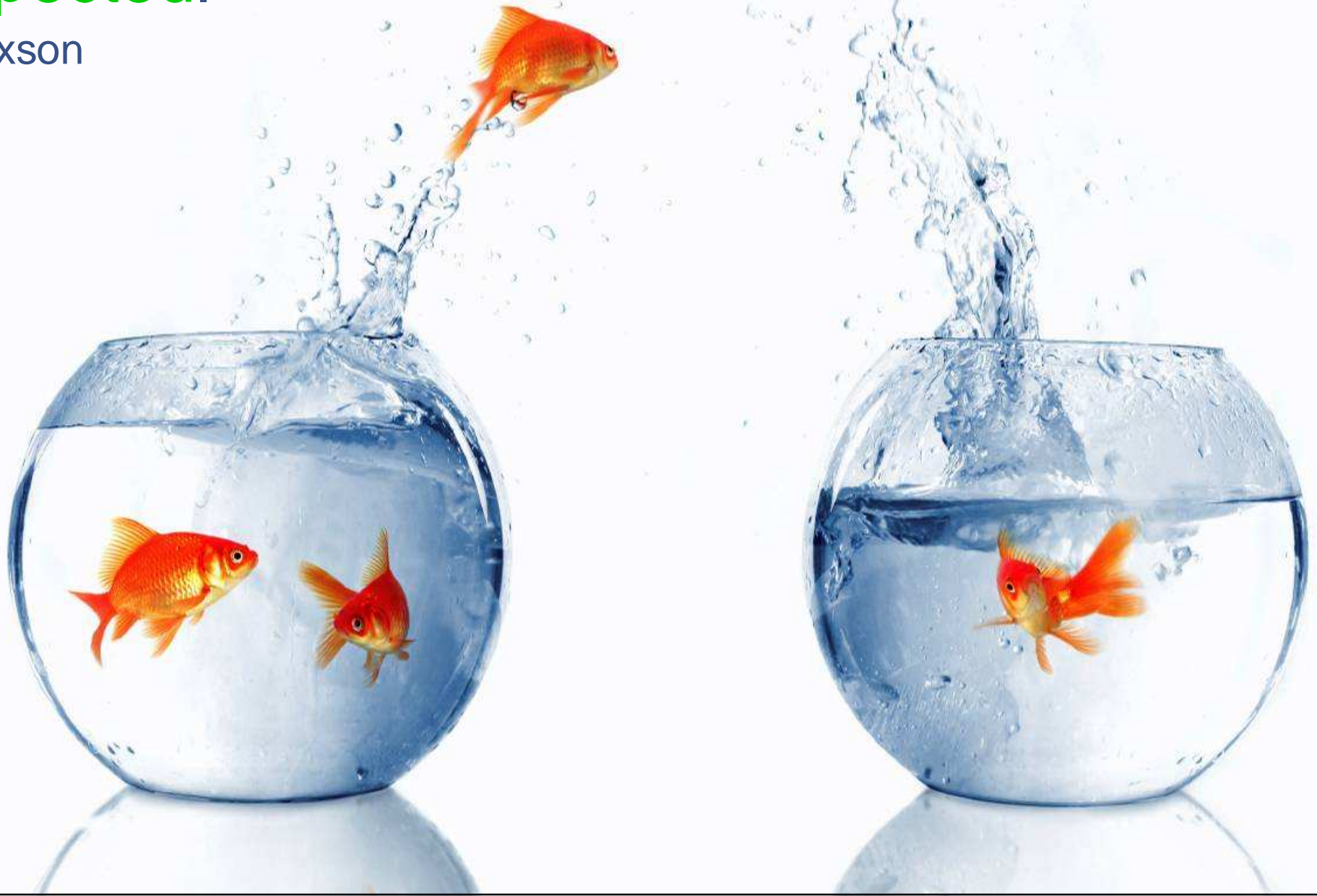
Introductions

- Your **name**
- Your **company**
- Your **interest** in rolling forecasts



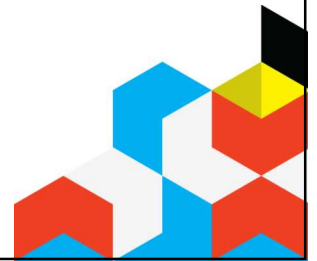
„Expect the
unexpected.“

David Axson



2010 – Could any of these things happen to you?

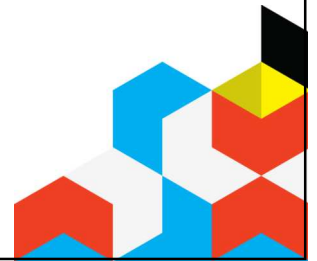
- A 20% decline/ increase in revenue/ demand in a 90 day period.
- The bankruptcy of your biggest customer/ supplier
- A tripling in the price of your most important raw material.
- The merger of your two biggest competitors.
- A four-week disruption to your global supply chain.
- The loss of 20% of your sales force over a six month period.
- A major negative news story that challenges your reputation.
- Ranking bottom in a quality or customer satisfaction survey.
- A major innovation threatens to make your best selling product obsolete in less than five years.
- A significant number of your customers trade down to lower cost alternatives and DO NOT come back when the economy turns around.



- How will we identify that one of these events is likely?
- How can we assess the potential impact?
- How can we respond?

Do we use the right tools for the new reality?

- Detailed annual budget
- Quarterly forecast
- Budget vs Actuals
- 5 year strategy
- Manual processes



***Forecasting is a critical
process in turbulent times.***



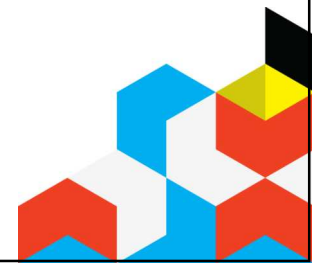
Forward Looking



Fact-based

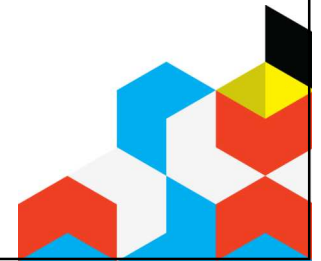
Flexible


Focused on Risks & Opportunities



Forecasts describe what the future will most likely look like

Plans/ Budgets detail how you think the future should look





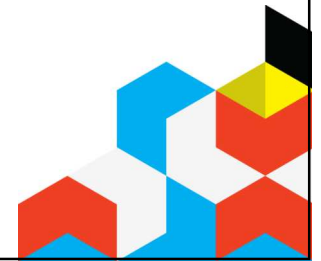
“The end result ... is not an accurate picture of tomorrow, but better decisions about the future.”

Peter Schwartz, *The Art of the Long View*

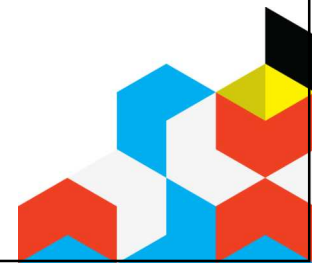
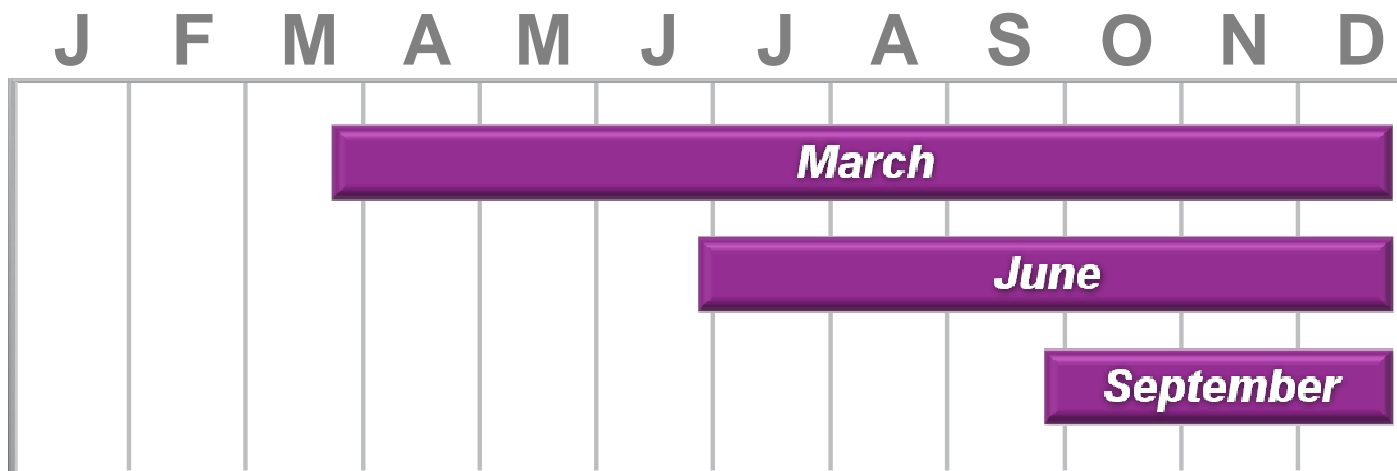
IBM Cognos Performance

The traditional template?

	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	YTD Actuals Variance	YTD Act Var %	Total Variance	Total Var %
	Actuals	Actuals	Actuals	Actuals	Actuals	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast					
Revenue	143.00	150.00	176.00	166.00	200.00	180.00	181.00	190.00	200.00	200.00	210.00	260.00	2256.00	-65.00	-7%	256.00	13%
COGS	92.95	97.00	114.00	108.00	131.00	117.00	117.00	125.00	131.00	132.00	140.00	180.00	1484.95	-957.05	-64%	84.95	6%
Margin	50.05	53.00	62.00	58.00	69.00	63.00	64.00	65.00	69.00	68.00	70.00	80.00	771.05	-22.95	-7%	71.05	10%
Margin %	35.00%	35.33%	35.23%	34.94%	34.50%	35.00%	35.36%	34.21%	34.50%	34.00%	33.33%	30.77%	34.35%	0%		-0.65%	
Salaries	19.00	19.00	19.00	19.00	19.00	19.00	19.00	22.00	22.00	22.00	22.00	22.00	243.00	-1.00	-1%	-3.00	-1%
Bonus	1.43	1.50	1.76	1.66	2.00	1.80	1.81	1.90	2.00	2.00	2.10	2.60	22.56	-2.35	-39%	2.56	13%
Benefits	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.22	0.22	0.22	0.22	0.22	2.43	1.35	59%	-0.07	-3%
Insurance	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	1.80	0.00	0%	-0.10	-5%
Rent	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	34.80	0.00	0%	-1.20	-3%
.....																	
.....																	
.....																	
Utilities	3.00	2.00	2.50	1.58	1.00	1.00	1.20	1.40	1.59	2.00	2.50	3.00	22.77	0.92	8%	-1.23	-5%
Office Supplies	0.11	0.20	0.16	0.20	0.07	0.37	0.14	0.42	0.49	0.34	0.38	0.43	3.30	0.07	9%	1.00	43%
Travel - Air	7.15	7.50	8.80	9.00	15.00	9.00	9.05	9.50	10.00	10.00	10.50	13.00	118.50	-17.45	-58%	13.50	13%
Travel - Hotels	1.43	1.50	1.76	1.66	2.00	1.80	1.81	1.90	2.00	2.00	2.10	2.60	22.56	-3.35	-67%	-7.44	-25%
Travel - Car	0.72	0.75	0.88	0.83	1.00	0.90	0.91	0.95	1.00	1.00	1.05	1.30	11.28	-2.68	-178%	6.28	126%
Travel - Train	1.30	1.00	1.50	1.00	1.20	1.00	1.00	3.00	2.00	2.00	2.00	3.00	20.00	-1.50	-33%	9.00	82%
Gifts & Misc	0.50	0.00	0.00	0.50	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	6.00	0.00	0%	-1.00	-14%
Maintenance & Repair	0.35	0.14	0.06	0.43	0.30	0.36	0.31	0.42	0.03	0.41	0.09	0.13	3.04	0.02	1%	0.04	1%
Marketing	2.00	0.00	8.00	9.00	4.00	7.00	8.00	4.00	5.00	2.00	9.00	1.00	59.00	-3.00	-15%	5.00	9%
Net Income	9.83	16.17	14.35	9.90	20.18	17.53	17.53	16.24	14.62	20.98	15.01	27.66	200.01	15.43	28%	0.01	0%



The traditional approach...

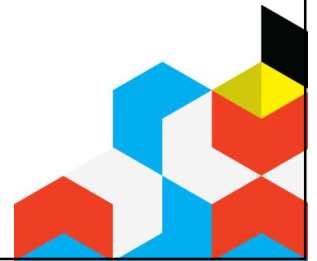


*Does this provide the necessary **visibility** in turbulent times?*



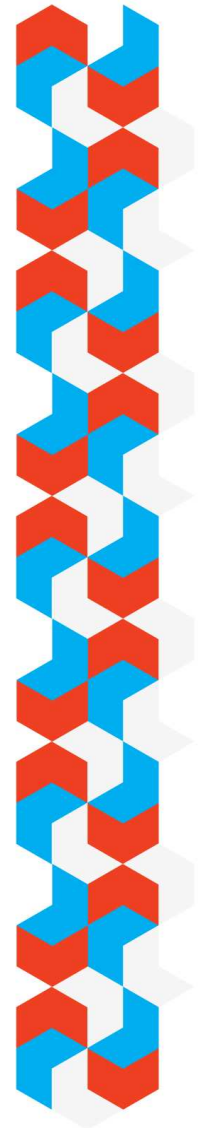
Collaborative Workshop

- Let's discuss and identify issues and shortcomings of the current forecasting processes that are being utilized. For example:
 - Level of detail in the models
 - Are the models the same as the ones for the budget?
 - Cycle time – how long does it take?
 - Participation – is Finance creating the Forecast?
 - Which technology is being utilized?
 - What is the value gained from the process?

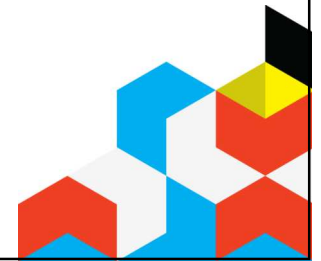
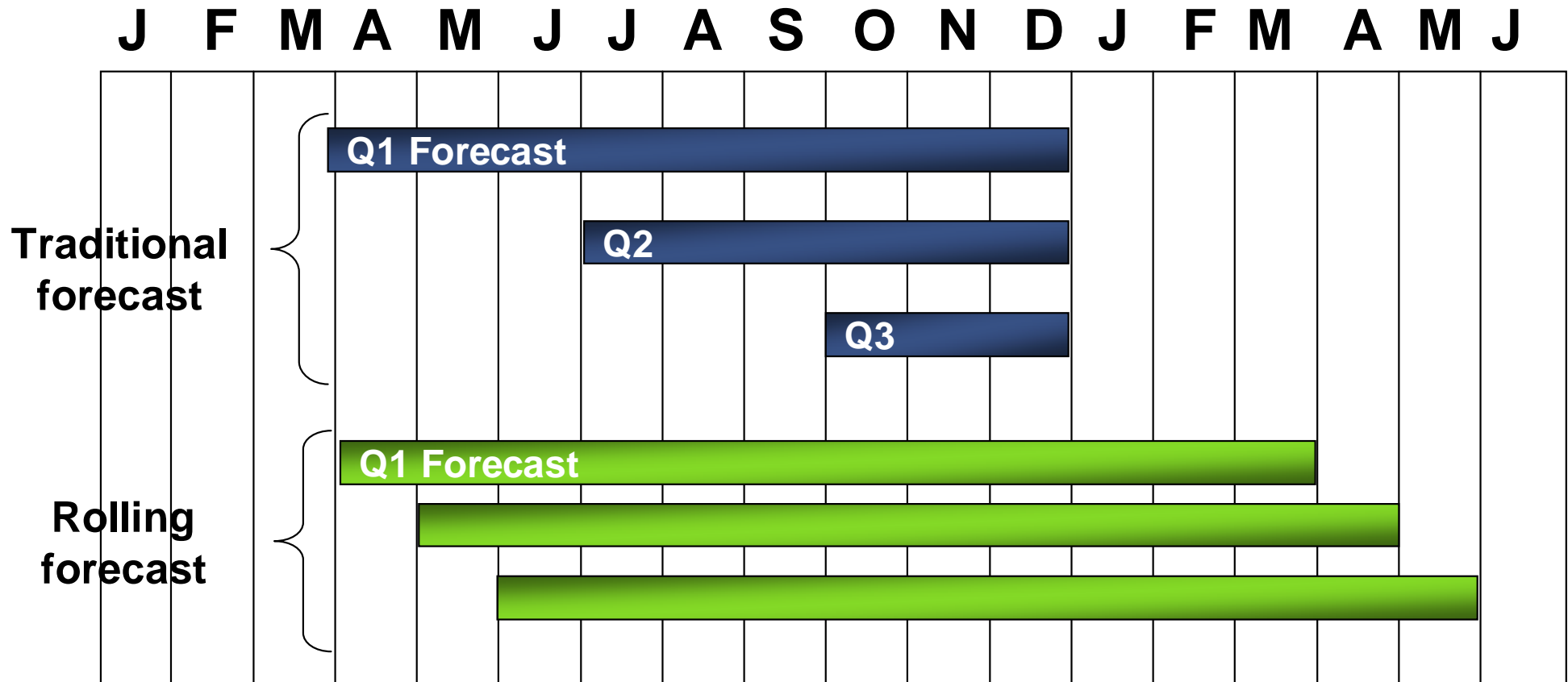


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**Rolling Forecasts. A modern
approach.**

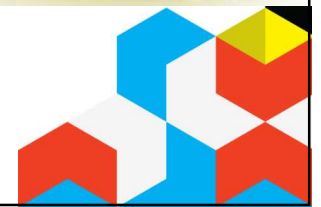
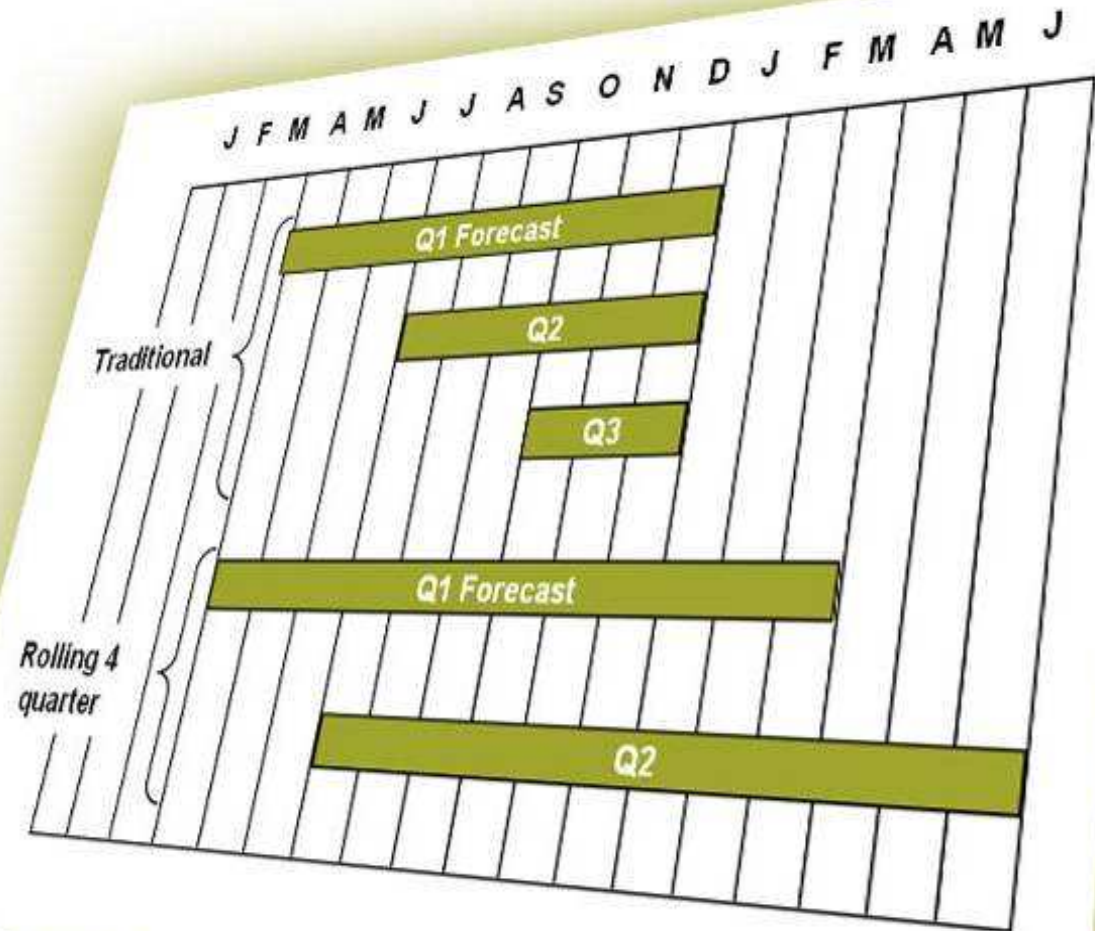


What is a Rolling forecast

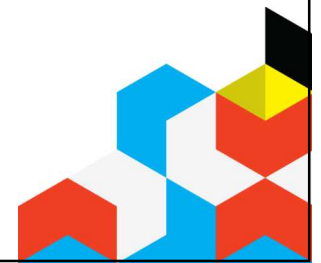
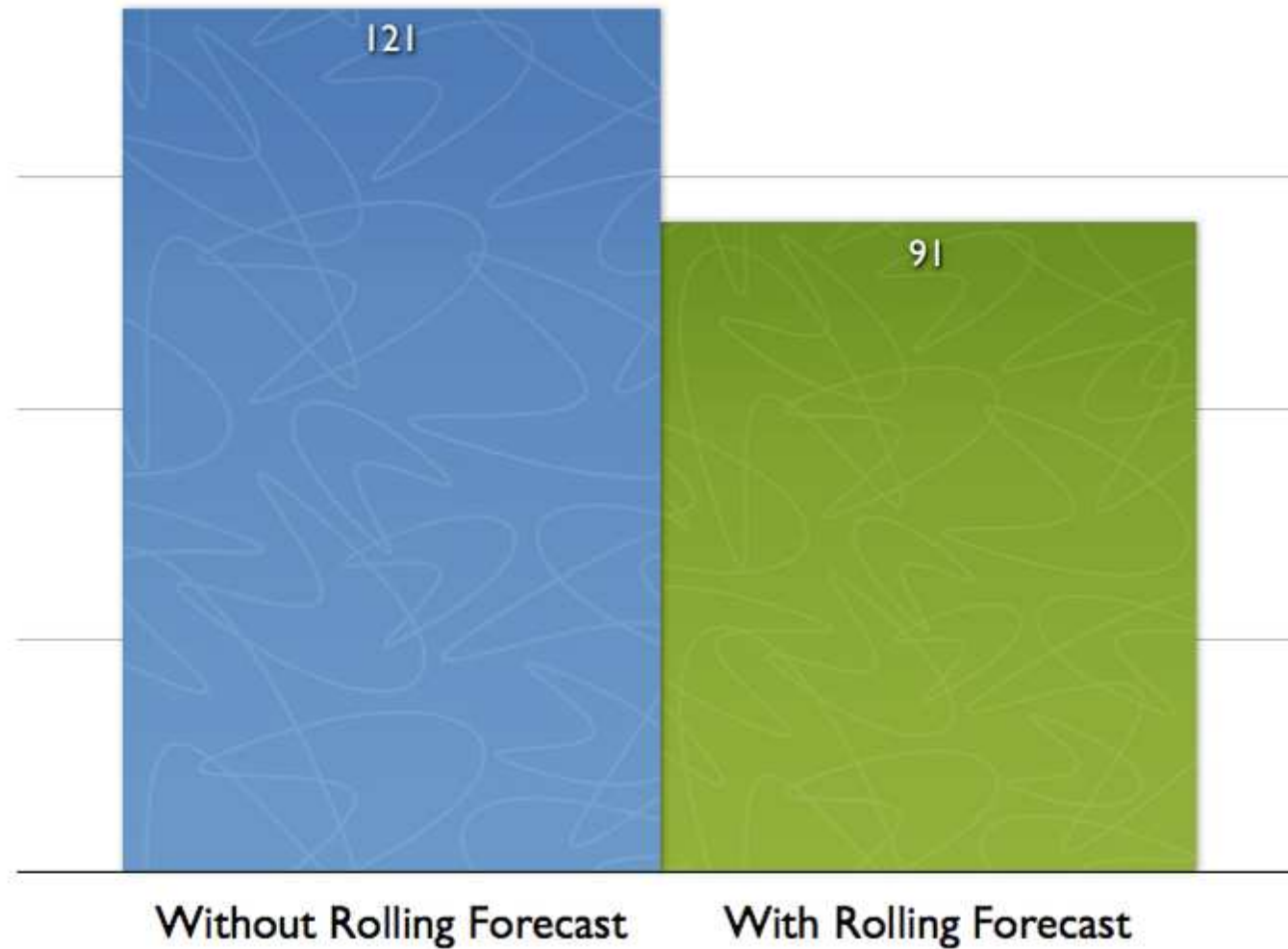


Why are rolling forecasts attractive?

- Reduced dependency on budgets
- Solid baseline for plans
- Increased visibility
- Consistent time horizon
- Consistent process



Rolling Forecasts speed up the budgeting process

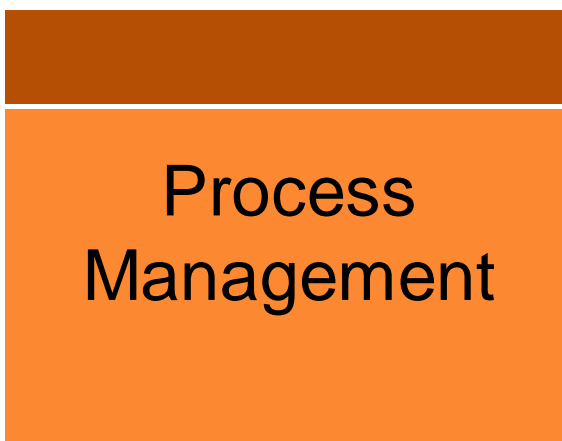
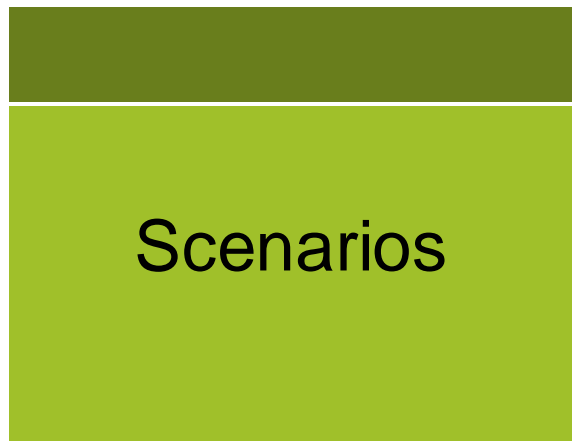
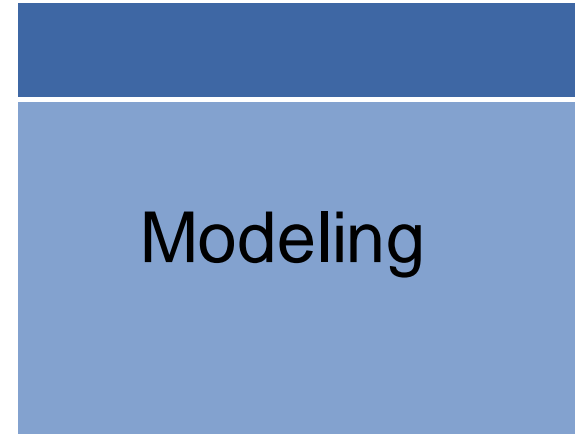
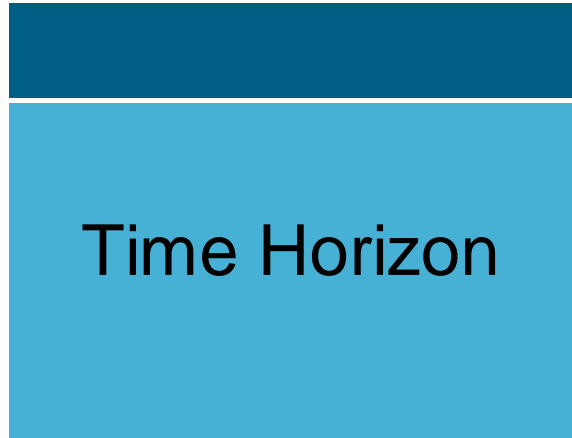


“Using Rolling Forecasts allows companies to incorporate the most recent information and insights about the marketplace.”

Kaplan/ Norton,
Authors, Management Gurus

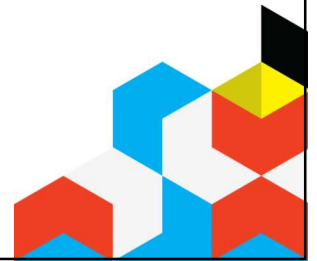


There are several success factors



Rolling Forecast = 12 month quarterly?

No. It depends on **your** business!



Match the time horizon to the rhythm of your business

Short cycles

Industry

- Consumer electronics
- Retailing
- Investment banking

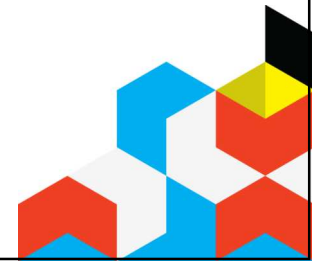
Function

- Advertising
- Cash flow
- Overtime

Long cycles

- Oil exploration
- Pharma development
- Infrastructure investment

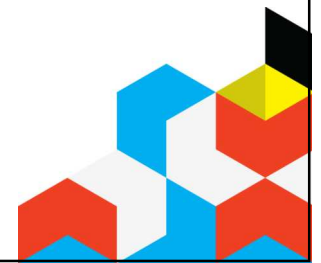
- Plant construction
- Infrastructure investment
- Research & development



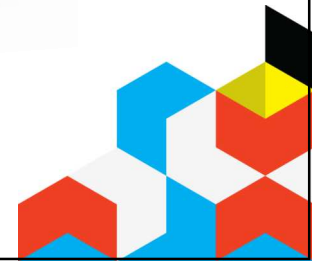
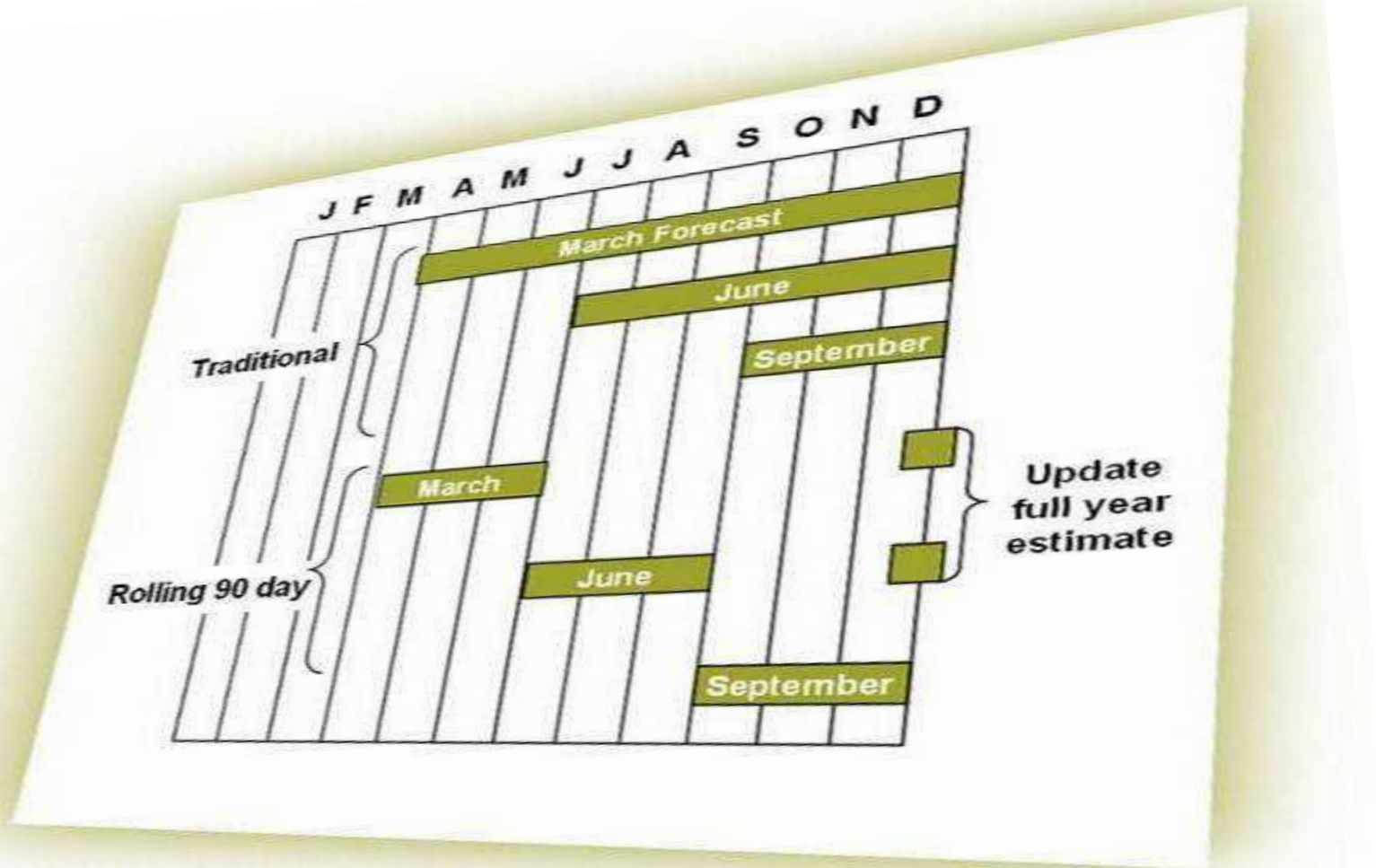
Common Time Horizon decisions*

- **Airline:** Rolling 2 quarters; monthly
- **Semiconductor:** Rolling 2 quarters; twice per quarter
- **Automotive:** Rolling 2 quarters; quarterly
- **Chemical:** Rolling 2 quarters; monthly
- **Telecom:** Rolling 4 quarters; monthly
- **Technology:** Rolling 4 quarters; quarterly
- **Engineering:** Rolling 6 quarters; quarterly
- **Consumer goods** Rolling 6 quarters; monthly
- **Pharmaceutical** Rolling 6 quarters; quarterly

* The Hackett Group 2008



An example of the time horizon decision

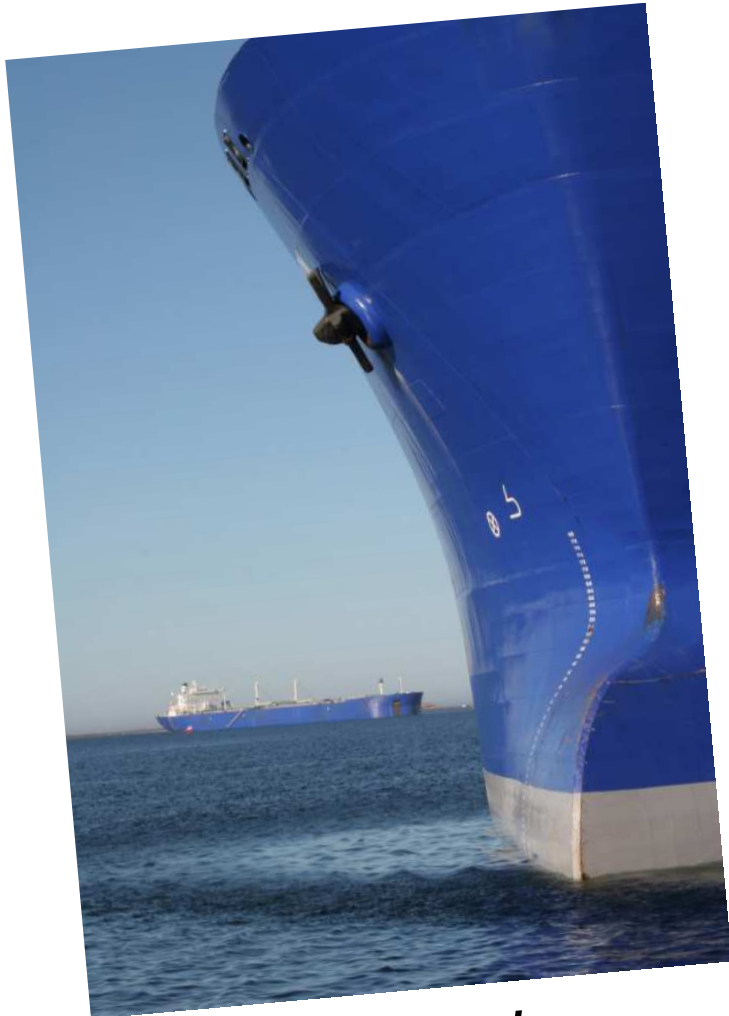


IBM Cognos Performance

“Best practice companies move towards more frequent & event-driven updates.”



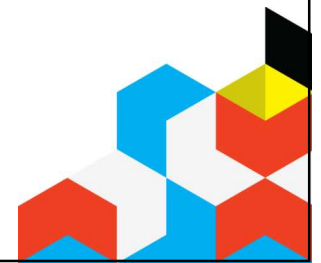
Remember this: What kind of ship is your business?*



The Tanker



The Speedboat



There are several success factors

Time Horizon

Participation

Modeling

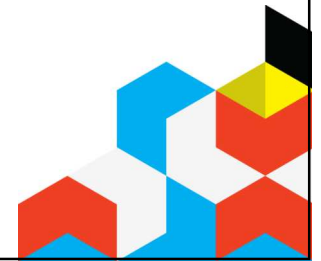
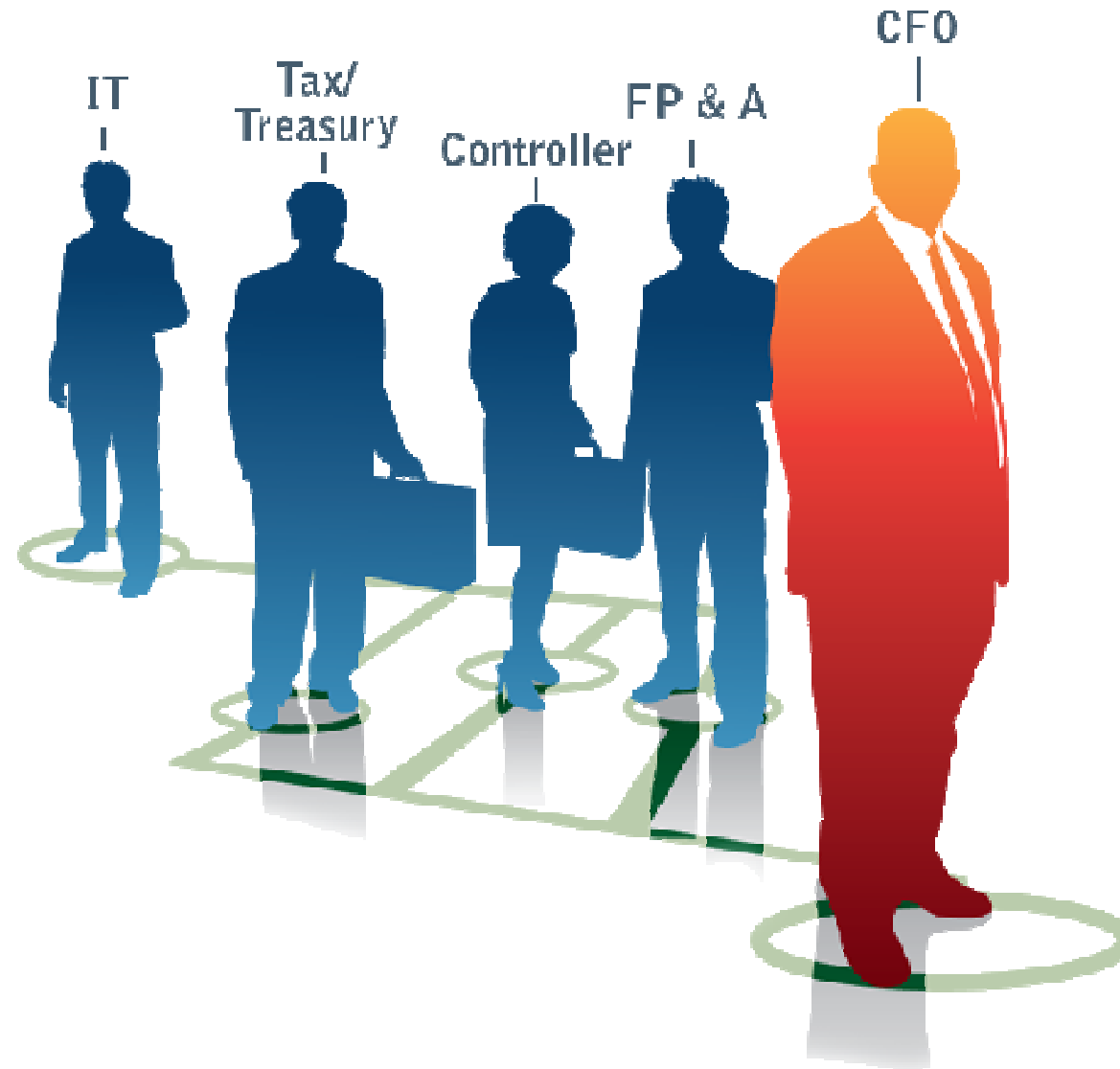
Scenarios

Process Management

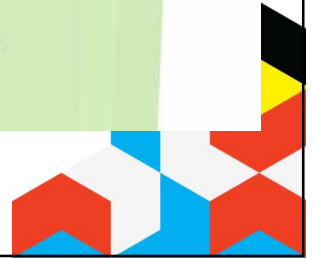
Culture



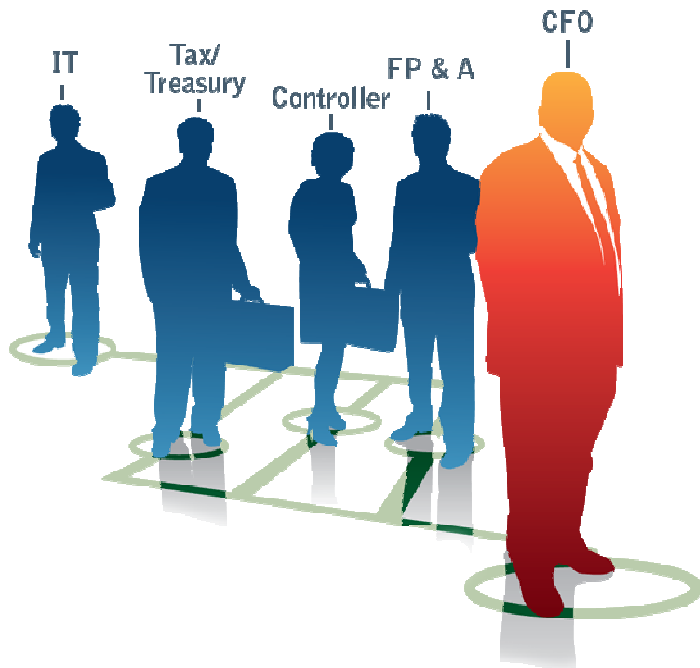
Who creates the forecast?



And what does the business say about that?



High participation creates value.



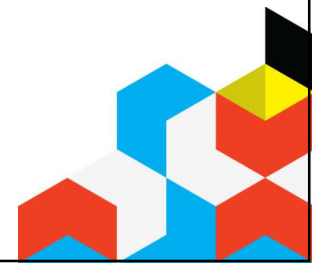
Sales



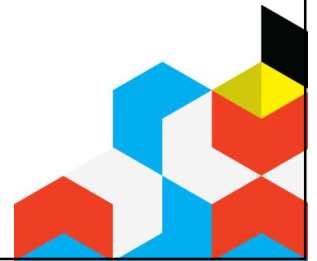
Marketing



HR



*....and drives
ownership & insight*



There are several success factors

Time Horizon

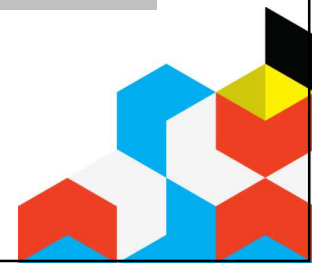
Participation

Modeling

Scenarios

Process Management

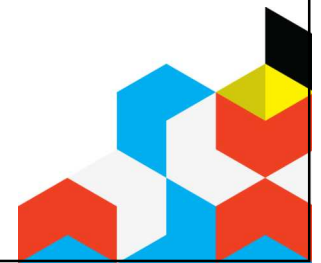
Culture



IBM Cognos Performance

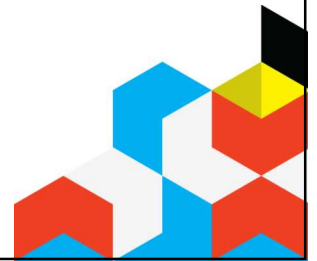
Remember this model?

	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	YTD Actuals Variance	YTD Act Var %	Total Variance	Total Var %
	Actuals	Actuals	Actuals	Actuals	Actuals	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast					
Revenue	143.00	150.00	176.00	166.00	200.00	180.00	181.00	190.00	200.00	200.00	210.00	260.00	2256.00	-65.00	-7%	256.00	13%
COGS	92.95	97.00	114.00	108.00	131.00	117.00	117.00	125.00	131.00	132.00	140.00	180.00	1484.95	-957.05	-64%	84.95	6%
Margin	50.05	53.00	62.00	58.00	69.00	63.00	64.00	65.00	69.00	68.00	70.00	80.00	771.05	-22.95	-7%	71.05	10%
Margin %	35.00%	35.33%	35.23%	34.94%	34.50%	35.00%	35.36%	34.21%	34.50%	34.00%	33.33%	30.77%	34.35%	0%		-0.65%	
Salaries	19.00	19.00	19.00	19.00	19.00	19.00	19.00	22.00	22.00	22.00	22.00	22.00	243.00	-1.00	-1%	-3.00	-1%
Bonus	1.43	1.50	1.76	1.66	2.00	1.80	1.81	1.90	2.00	2.00	2.10	2.60	22.56	-2.35	-39%	2.56	13%
Benefits	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.22	0.22	0.22	0.22	0.22	2.43	1.35	59%	-0.07	-3%
Insurance	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	1.80	0.00	0%	-0.10	-5%
Rent	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	34.80	0.00	0%	-1.20	-3%
.....																	
.....																	
.....																	
Utilities	3.00	2.00	2.50	1.58	1.00	1.00	1.20	1.40	1.59	2.00	2.50	3.00	22.77	0.92	8%	-1.23	-5%
Office Supplies	0.11	0.20	0.16	0.20	0.07	0.37	0.14	0.42	0.49	0.34	0.38	0.43	3.30	0.07	9%	1.00	43%
Travel - Air	7.15	7.50	8.80	9.00	15.00	9.00	9.05	9.50	10.00	10.00	10.50	13.00	118.50	-17.45	-58%	13.50	13%
Travel - Hotels	1.43	1.50	1.76	1.66	2.00	1.80	1.81	1.90	2.00	2.00	2.10	2.60	22.56	-3.35	-67%	-7.44	-25%
Travel - Car	0.72	0.75	0.88	0.83	1.00	0.90	0.91	0.95	1.00	1.00	1.05	1.30	11.28	-2.68	-178%	6.28	126%
Travel - Train	1.30	1.00	1.50	1.00	1.20	1.00	1.00	3.00	2.00	2.00	2.00	3.00	20.00	-1.50	-33%	9.00	82%
Gifts & Misc	0.50	0.00	0.00	0.50	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	6.00	0.00	0%	-1.00	-14%
Maintenance & Repair	0.35	0.14	0.06	0.43	0.30	0.36	0.31	0.42	0.03	0.41	0.09	0.13	3.04	0.02	1%	0.04	1%
Marketing	2.00	0.00	8.00	9.00	4.00	7.00	8.00	4.00	5.00	2.00	9.00	1.00	59.00	-3.00	-15%	5.00	9%
Net Income	9.83	16.17	14.35	9.90	20.18	17.53	17.53	16.24	14.62	20.98	15.01	27.66	200.01	15.43	28%	0.01	0%



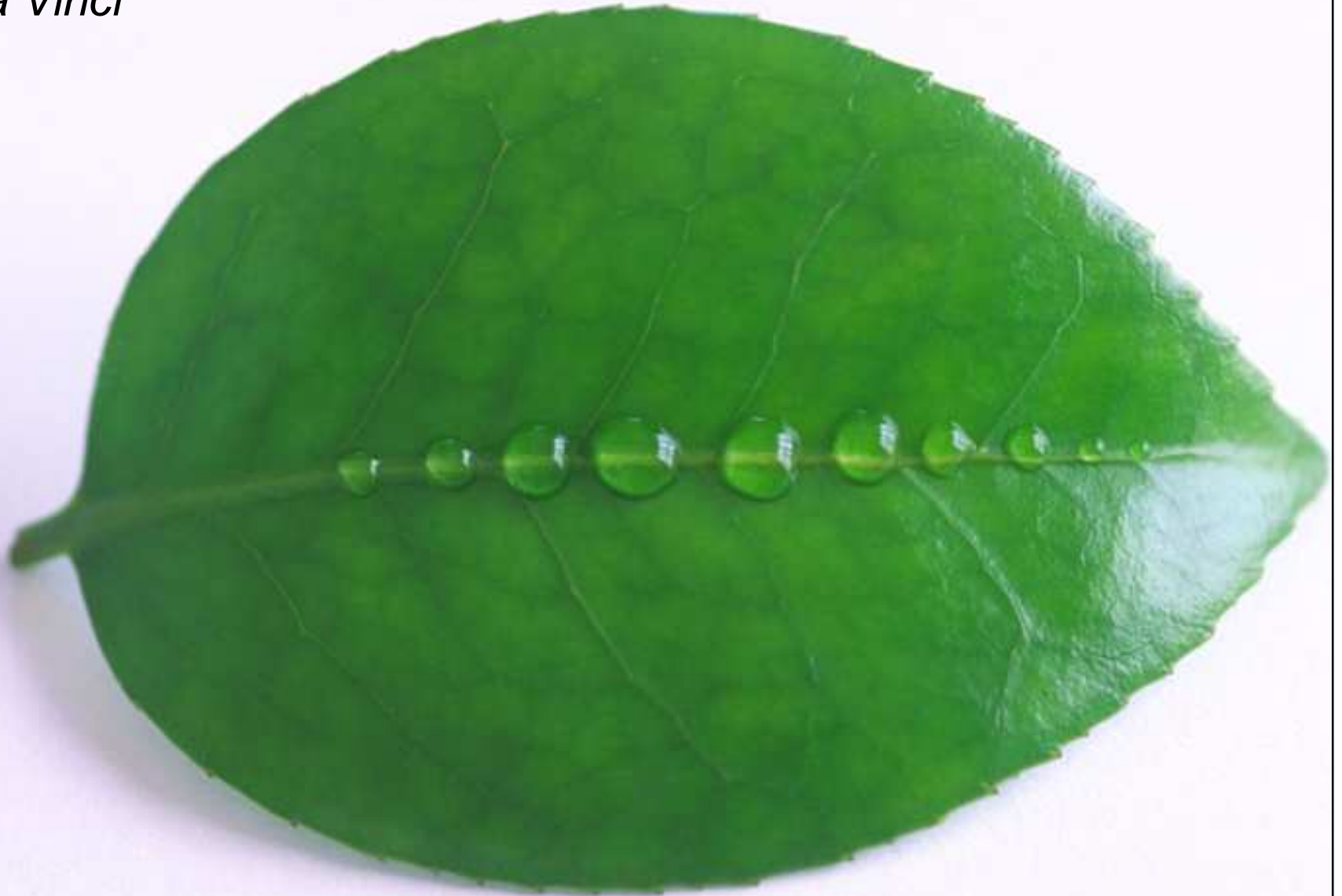
Can we answer critical questions with this information?

- 
- o Risk?
 - o Opportunities?
 - o Customers?

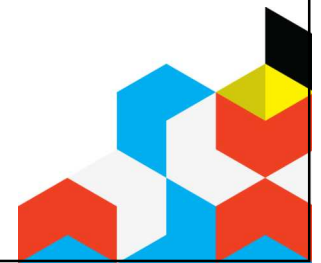
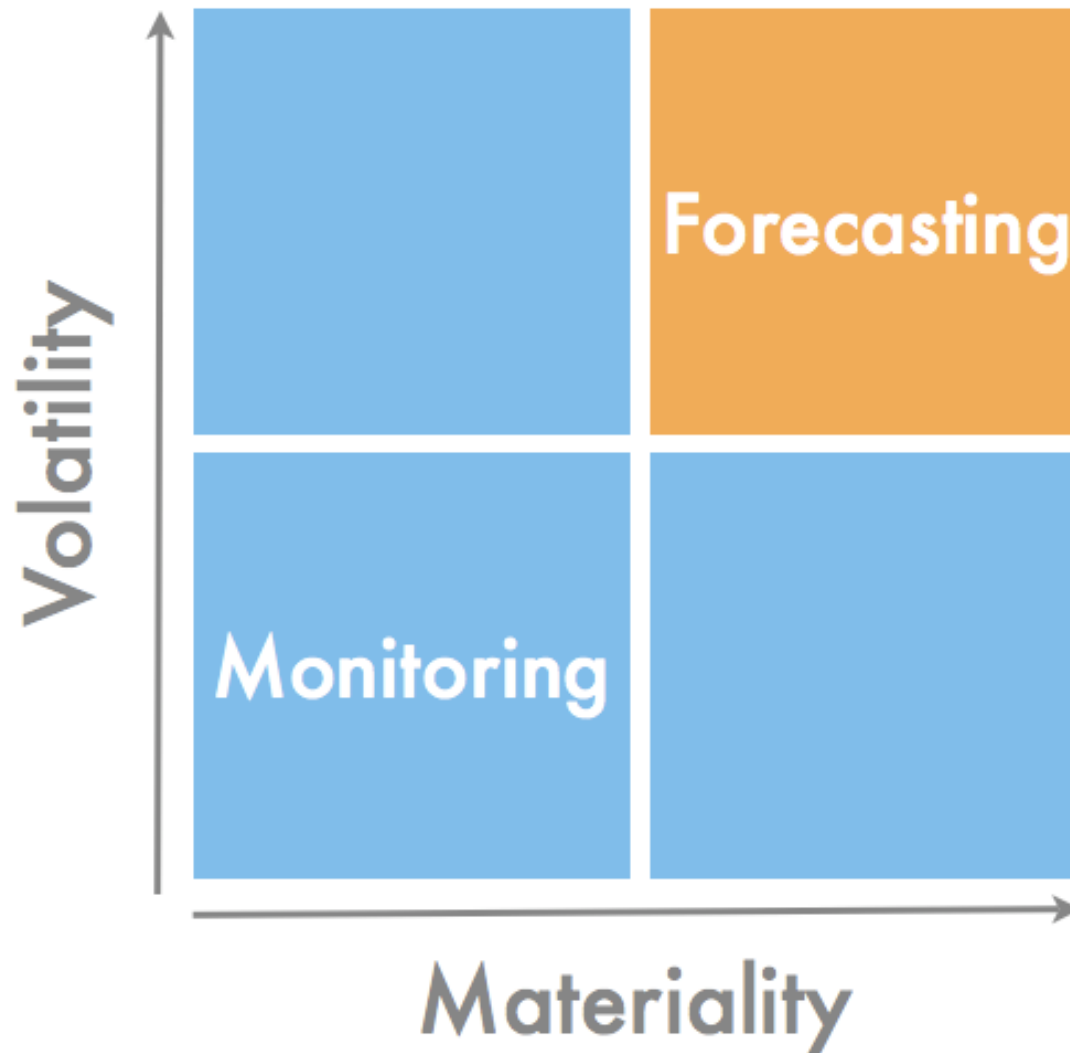


*„Simplicity is the ultimate
sophistication.“*

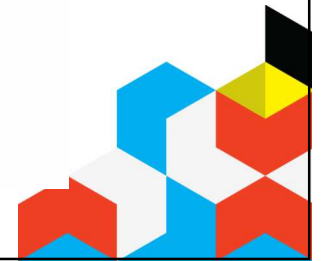
Leonardo da Vinci



A simple test for selecting the right items



The same applies to your time horizon



The language of our forecasts need to change



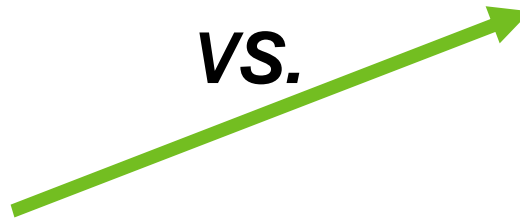
Opportunities

Pipeline

Number of employees

Customer Satisfaction

VS.

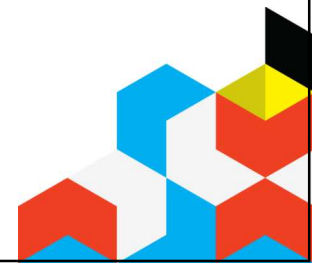


634172 - Revenue (New Accts)

665891 - Office Supplies (Paper)

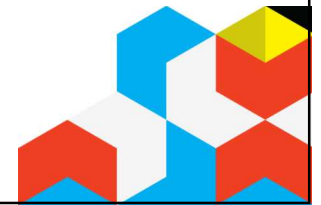
665892 - Office Supplies (Pens)

677199 - Gifts, Misc.





Revenue?

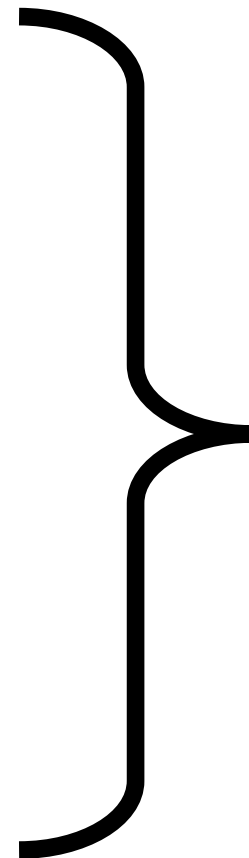


What about automated forecasting?

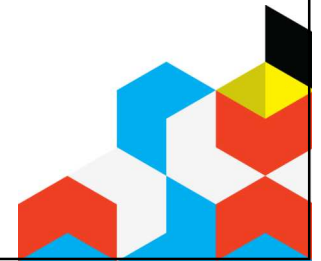
Direct data entry

Mathematical

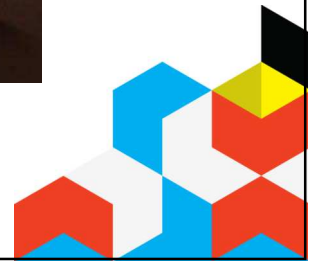
Statistical



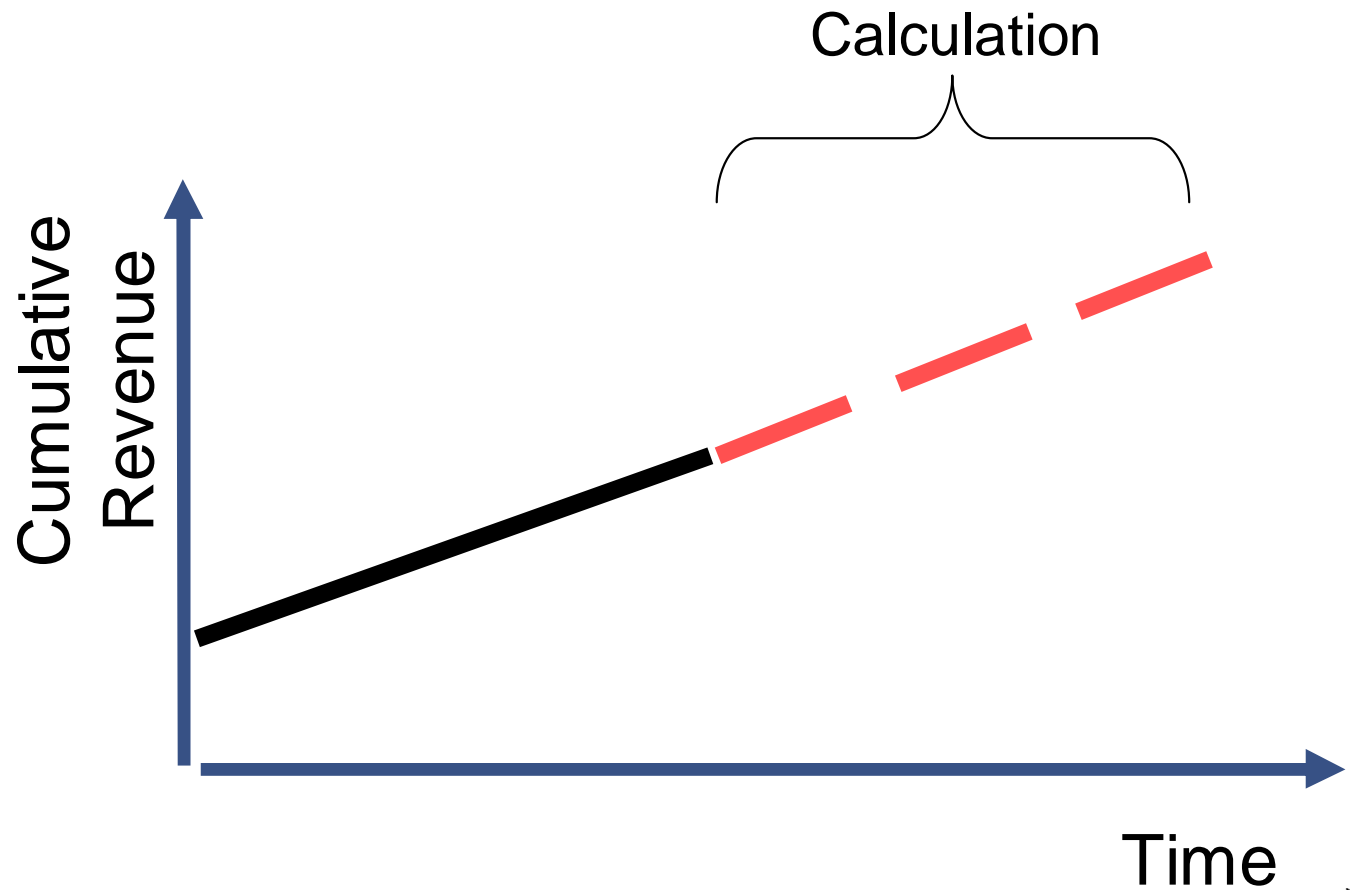
Mixed Approaches



The easiest form: direct data entry



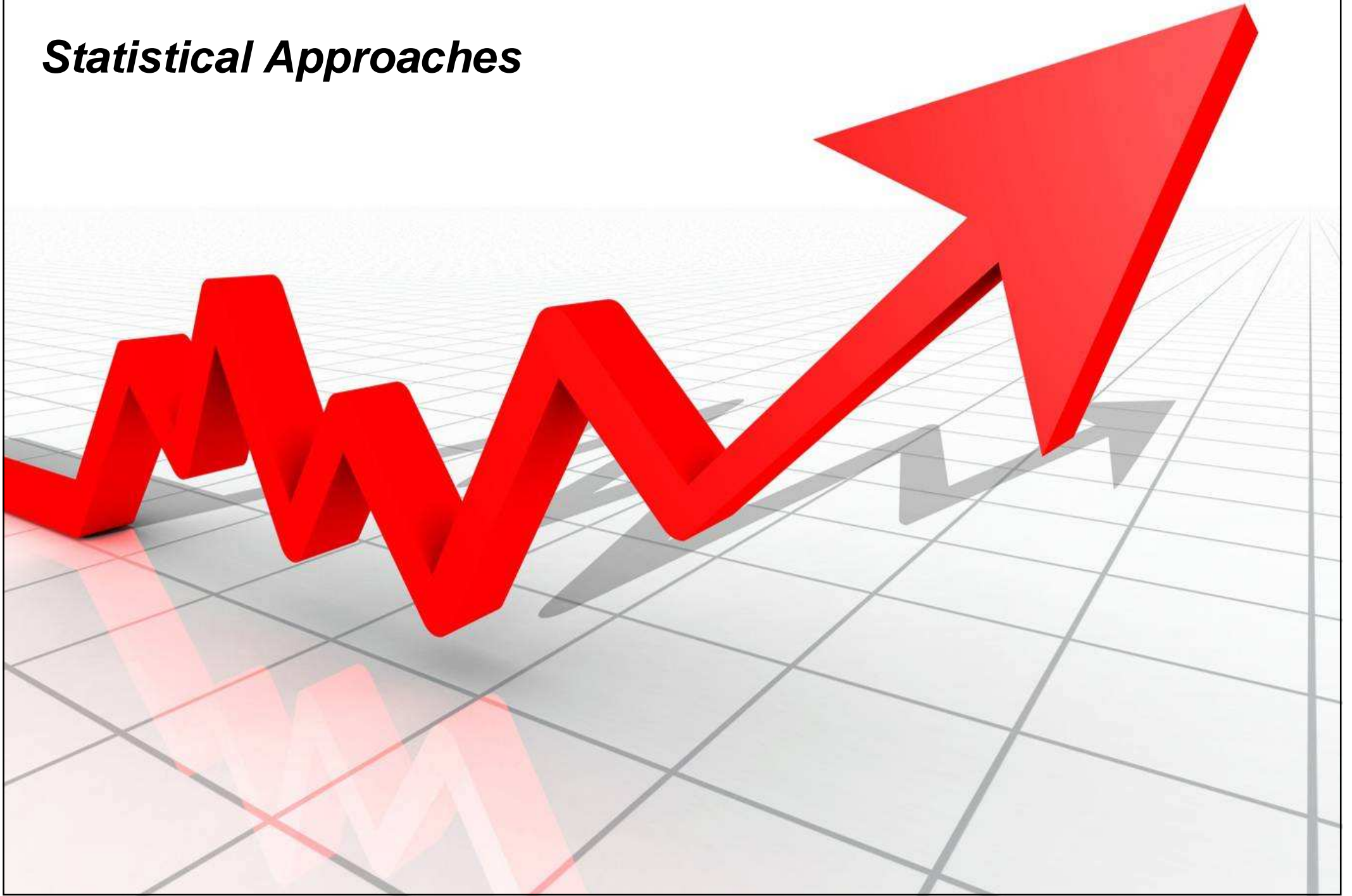
Mathematical approaches



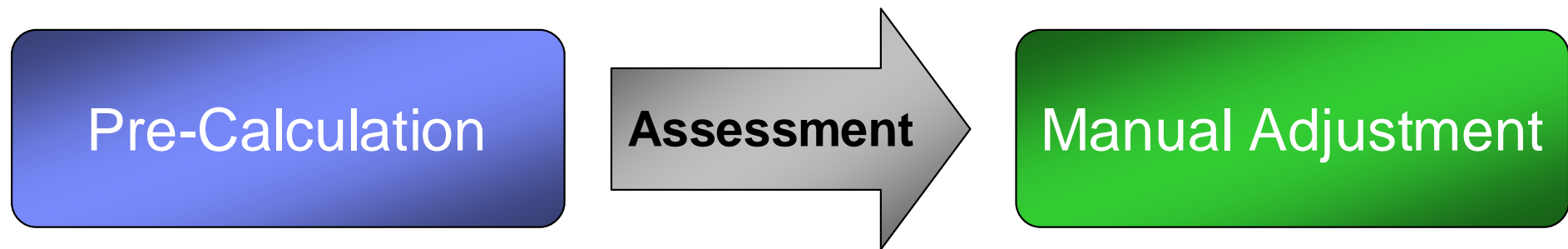
- **Goal**
- **Average**
- **Run rate**



Statistical Approaches

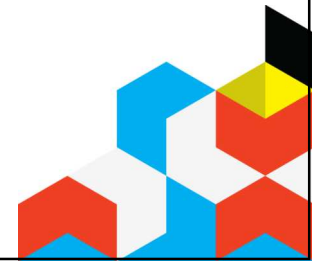


Mixed Approach



- Stochastic Modeling
- Linear Interpolation
- Run Rate
- Etc..

- Market adjustments
- Latest news
- One-off
- etc



There are several success factors

Time Horizon

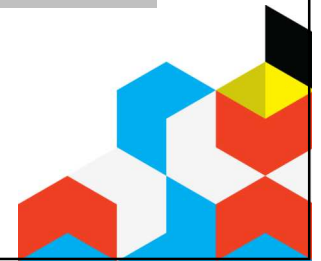
Participation

Modeling

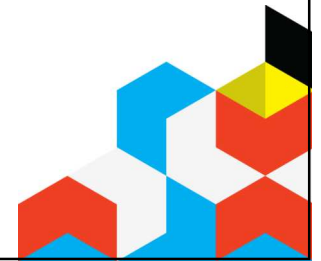
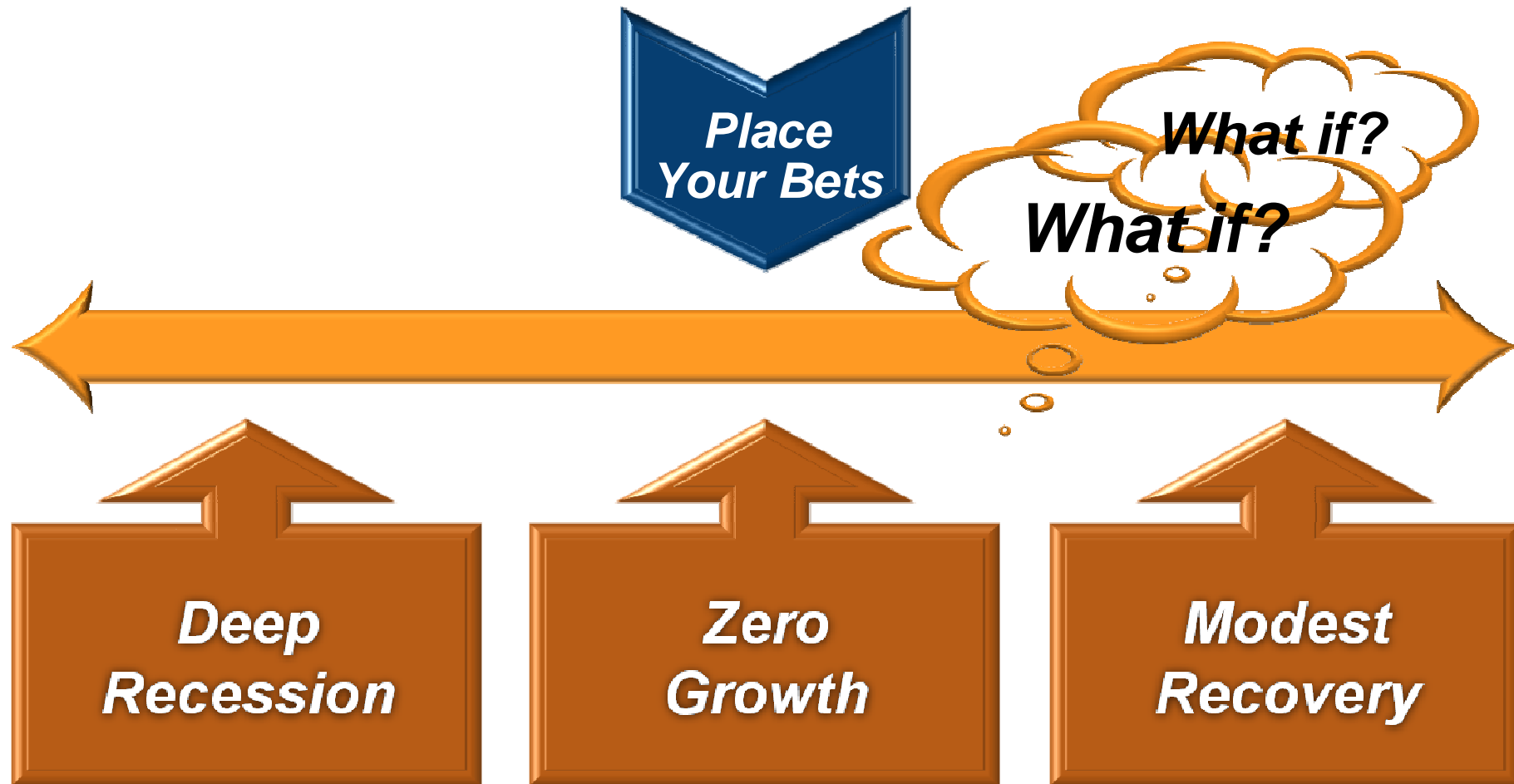
Scenarios

Process Management

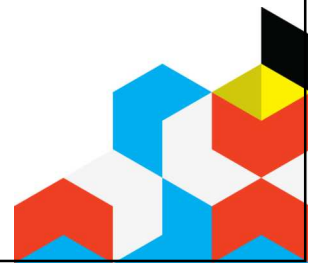
Culture



Plan for Multiple Scenarios

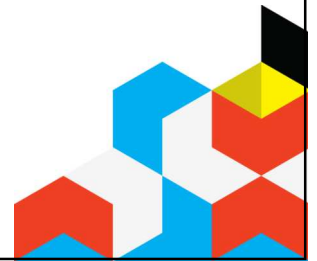


Think different - Scenario planning creates value



But developing scenarios can be very tedious

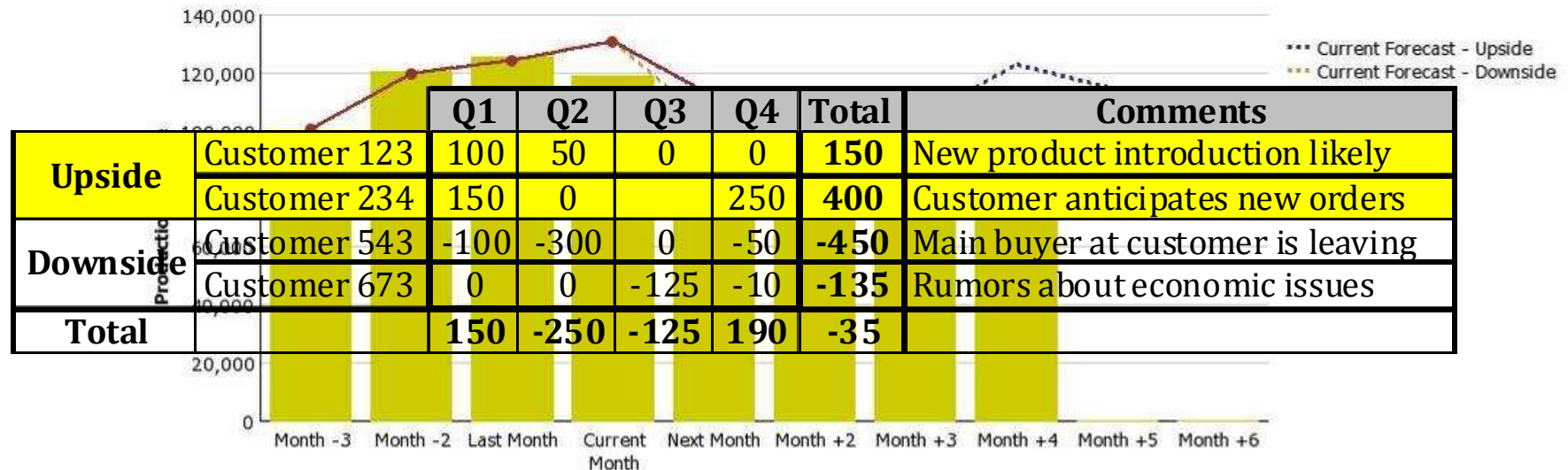
- Multiple scenarios
- Floating assumptions
- Data volumes



Consider a simpler approach

Current Forecast Upside and Downside

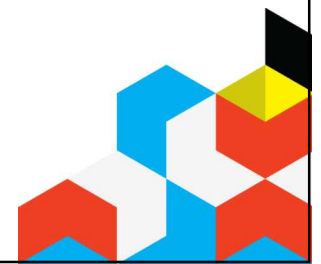
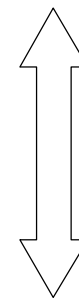
UK - Fresh Food



Upside Exceptions

Base Case (most likely)

Downside Exceptions



There are several success factors

Time Horizon

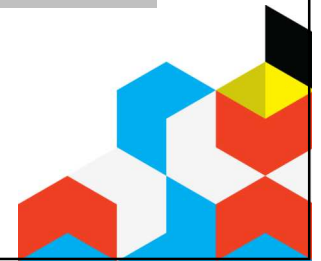
Participation

Modeling

Scenarios

Process Management

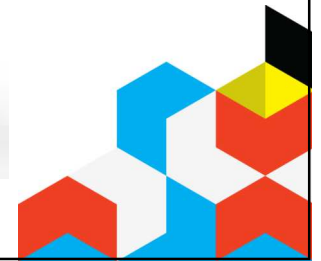
Culture



Process management is critical

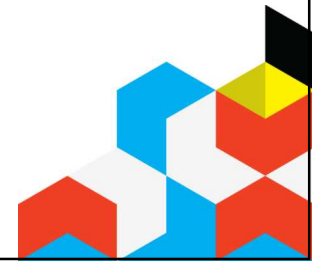
We need to make a critical decision quickly!

Wow...there are a lot of moving parts!



Critical elements of the process

- Aim for repeatability
- Measure the quality
- Set strict goals



IBM Cognos Performance

Budget

- Budget
- Scenario 1
- Scenario 2
- Scenario 3
- Oct-08 Forecast
- Nov-08 Forecast

views

- Total Demand
- Regional Accounts
 - Eastern Region
 - New
 - Orla
 - Atla
 - Central
 - Western Region

Workflow	Net Sales	Month -3	Month -2	Last Month
		Oct-08	Nov-08	Dec-08
Submit				
Work in Progress				
Incomplete				
Not Started				
	Current Forecast - Upside	4,620	4,630	4,498
	Current Forecast	4,620	4,630	4,498
	Current Forecast - Downside	4,620	4,630	4,498

Net Sales Movement Analysis

Reconciles movement in Net Sales between any two data sets

Update Models

Distribute Models

Aggregate data

What-if & Optimize

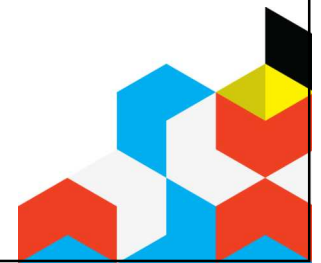


New version

Load Actuals

Collect Data

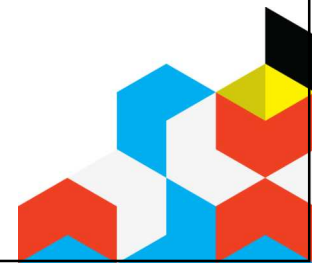
Report & Analyze





Management Meetings

Decision Making!

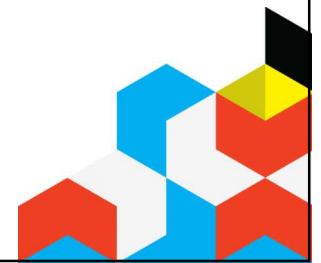


Some measures you should consider

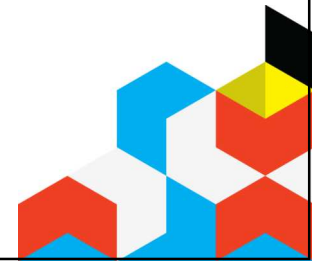
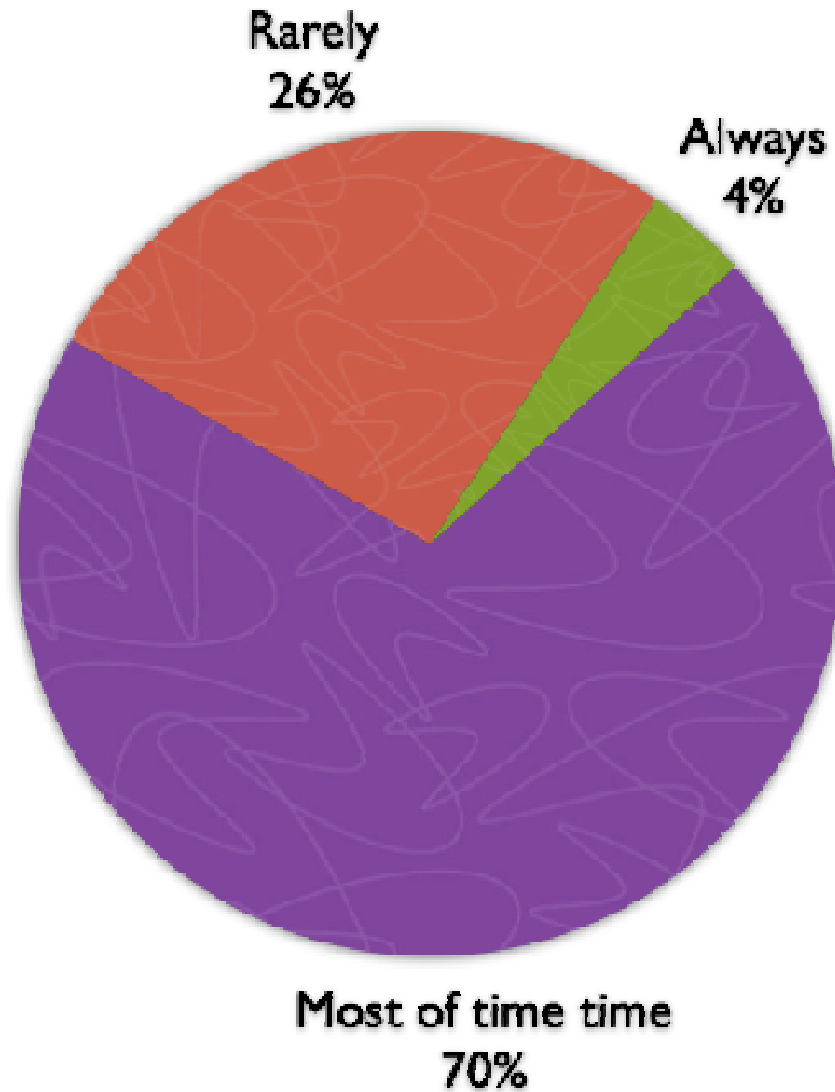
Forecast Accuracy

Cycle Time

Confidence Levels

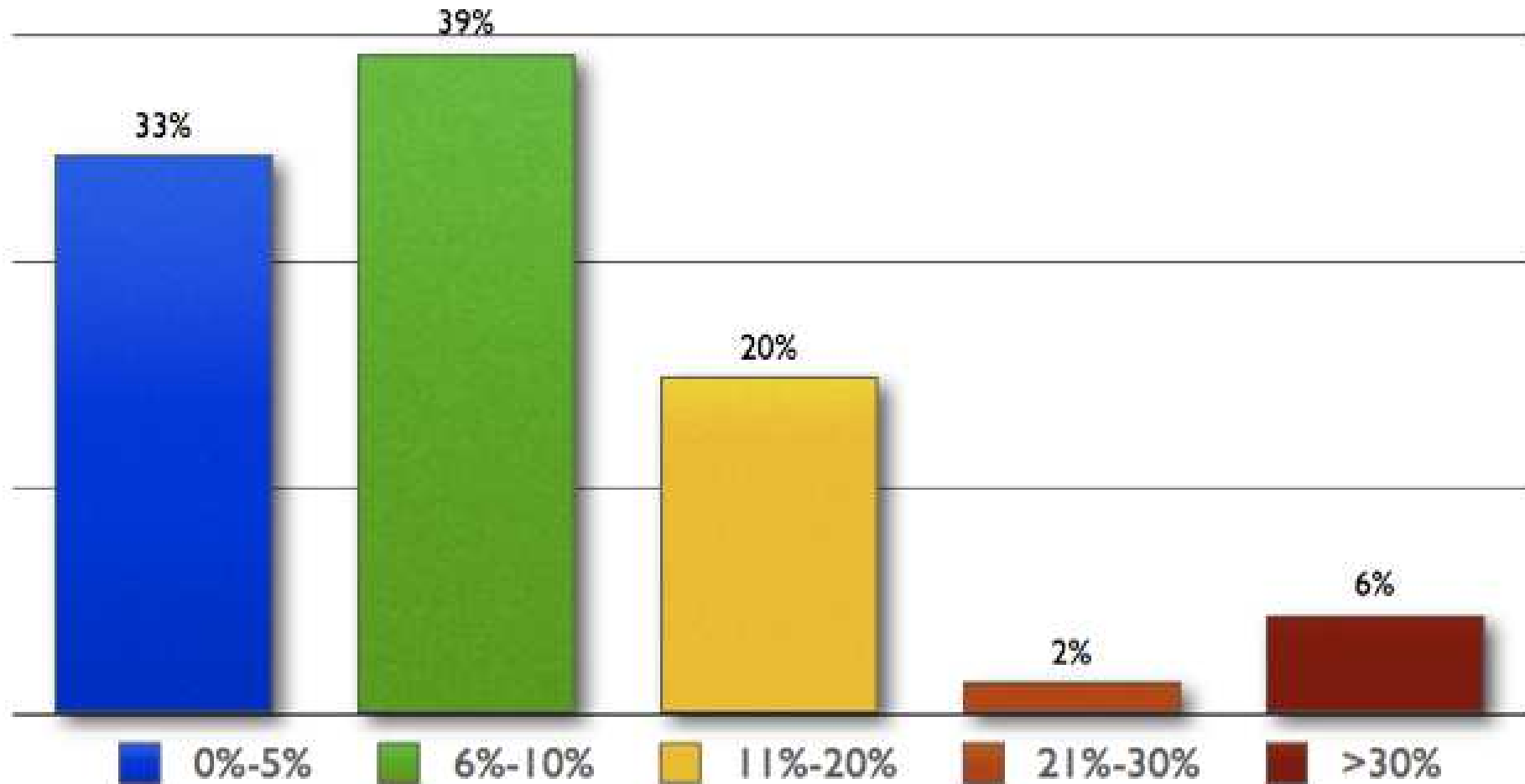


Do business managers have confidence in the outputs?



Let's look at the market – Forecast Accuracy

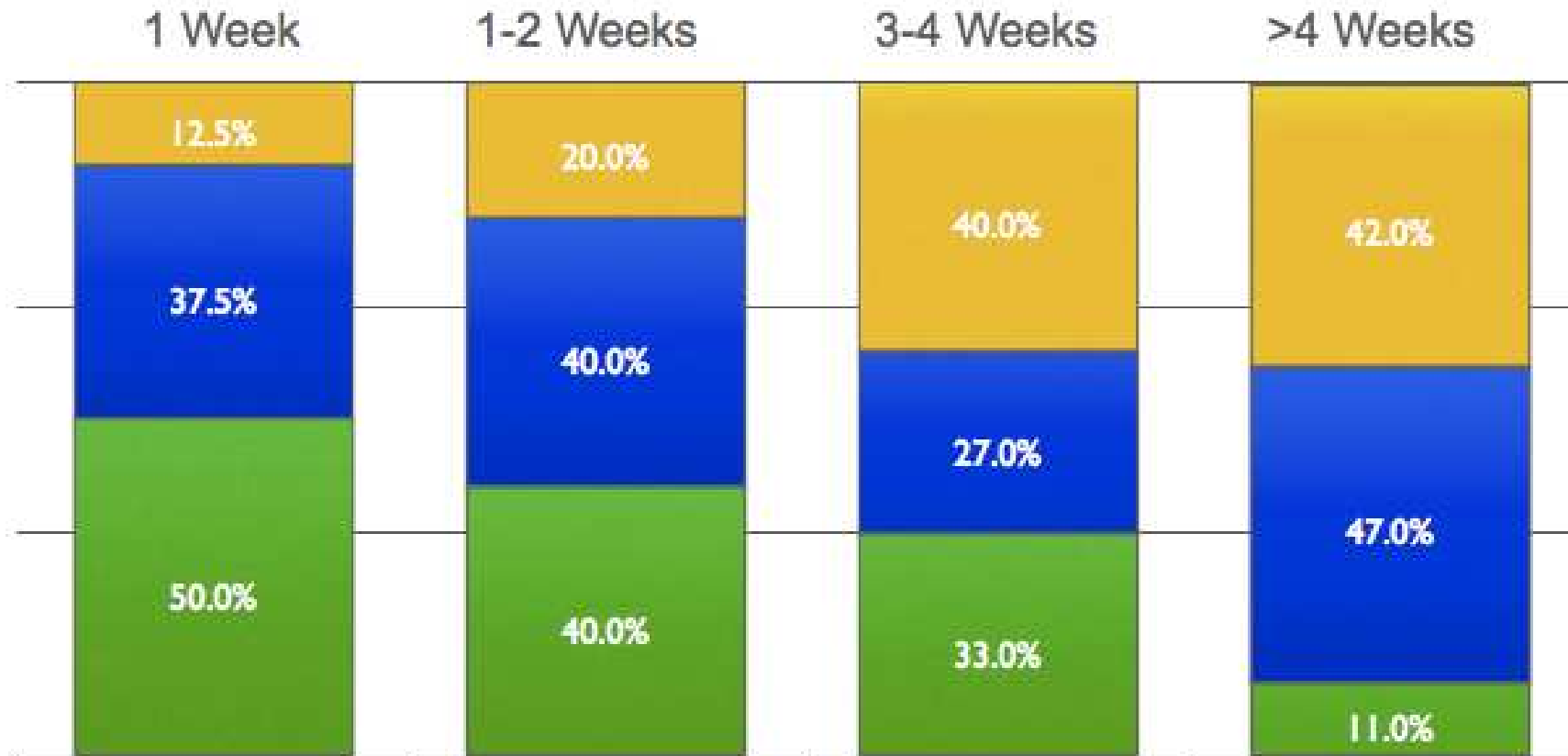
Forecast vs Actuals for next Quarter Earnings, 2007



Source: Hackett Group, 2007



Do accurate forecasts take a long time?



■ Earnings within Range 0-5% ■ Earnings within 6-10% ■ Earnings withing Range >10%

Source: Hackett Group, 2007



There are several success factors

Time Horizon

Participation

Modeling

Scenarios

Process Management

Culture



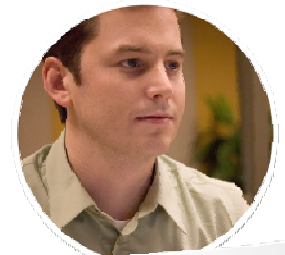
Nice forecast. But I don't like the revenue numbers. They are **too low**.



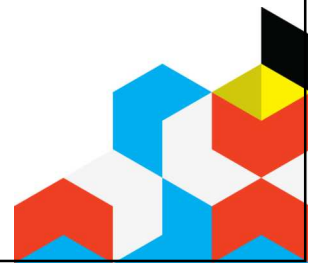
Executive

Please go back to your office and come back with **new numbers**.

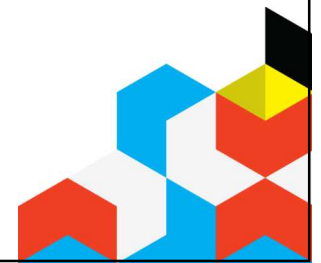
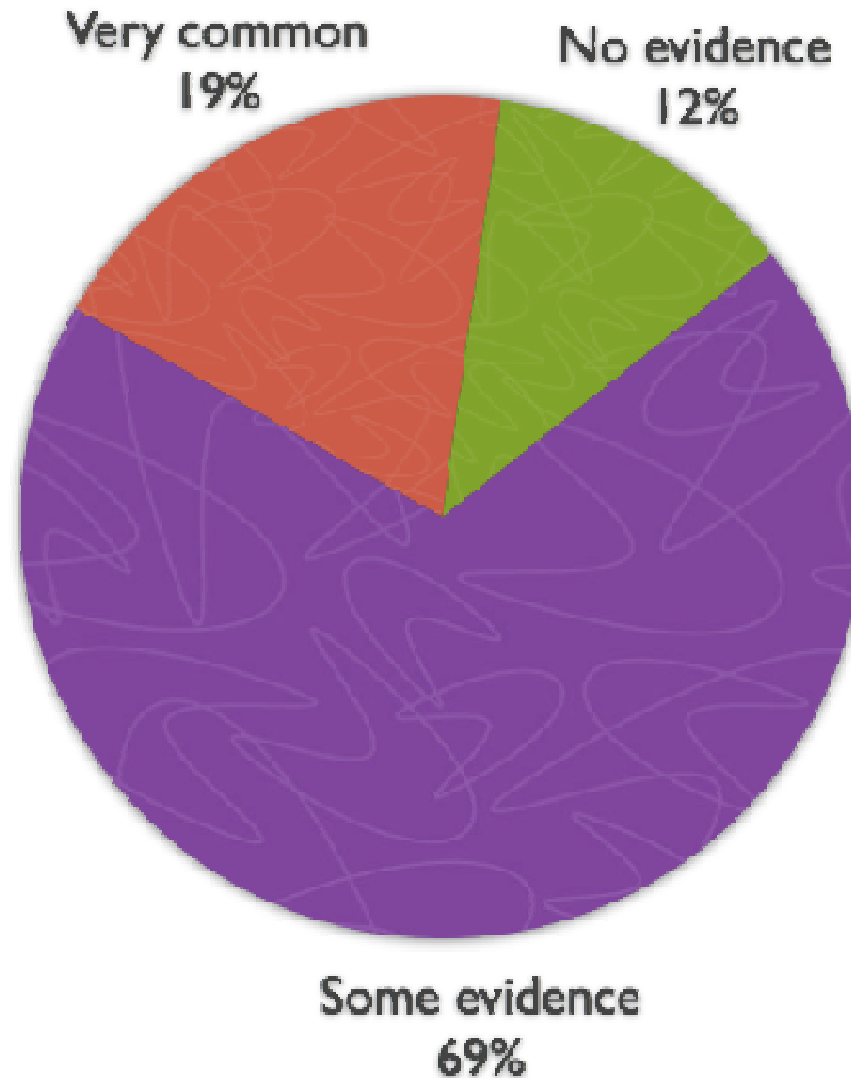
But this is the most **realistic** estimate I can provide!



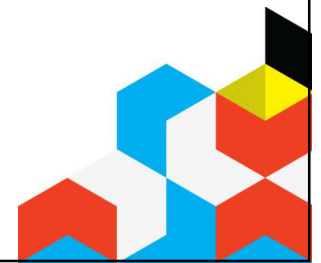
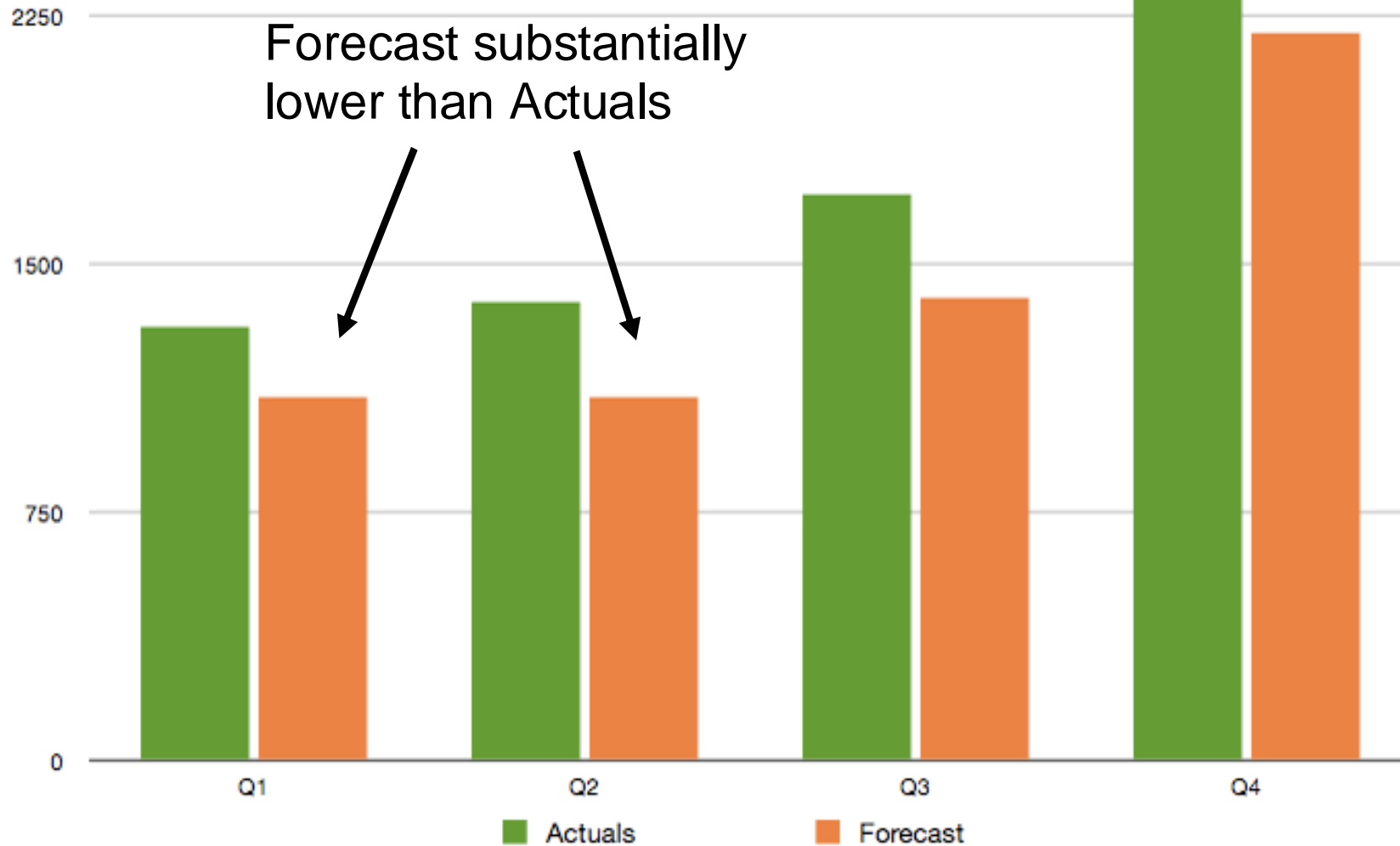
Business Manager



Is there evidence of sandbagging?

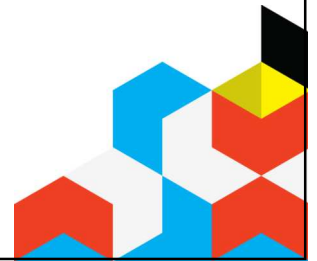


A typical case of sandbagging: Revenue forecast



“There are two things about a budget: one is that it **predicts the future**, and does a particularly poor job of that, but secondly, it **defines a measure** of what is good. If you make budget, that’s good. And if you don’t, you’ve done a bad job. Unfortunately, trying to predict the future and define what is good are two fairly **different processes**.

- John Landis, CFO, Foster Farms

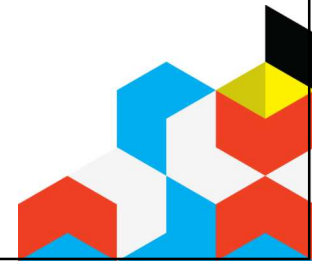


Management sets the tone

“Why didn’t we anticipate that in the budget? Who **screwed up?**”

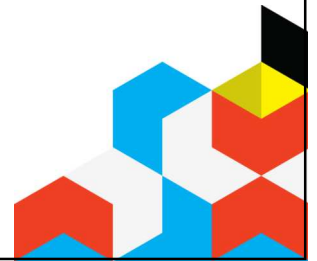
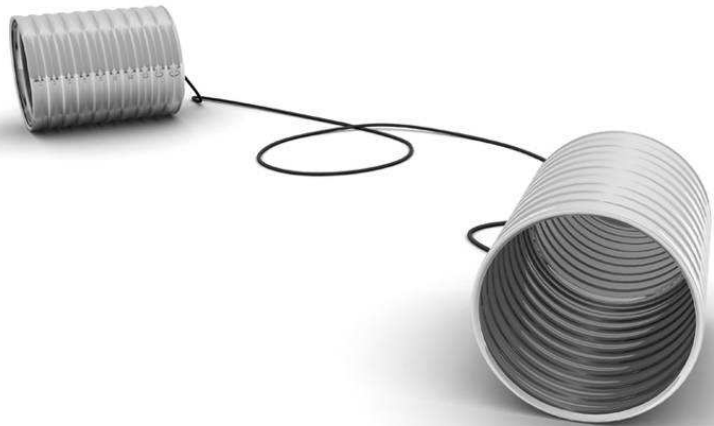
“Okay, clearly things have changed.

- What are the drivers of the change?
- What is the impact on our business?
- What actions should we be taking?”



Clarify the purpose & communicate

- Purpose of the forecast
- Relationship to decision-making
- Relationship to budget



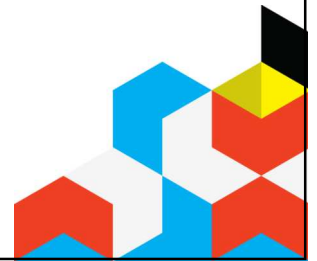
Measure the process & the output

- Forecast Accuracy
- Cycle Time
- Confidence Levels



Adjust the compensation scheme

- Away from budget focus
- New success measures:
 - Forecast accuracy
 - Relative measures
 - Global measures



There are several success factors

Time Horizon

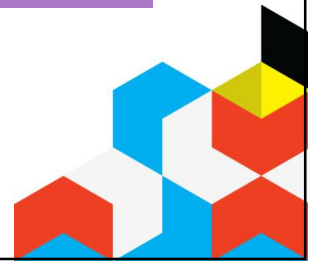
Participation

Modeling

Scenarios

Process
Management

Culture



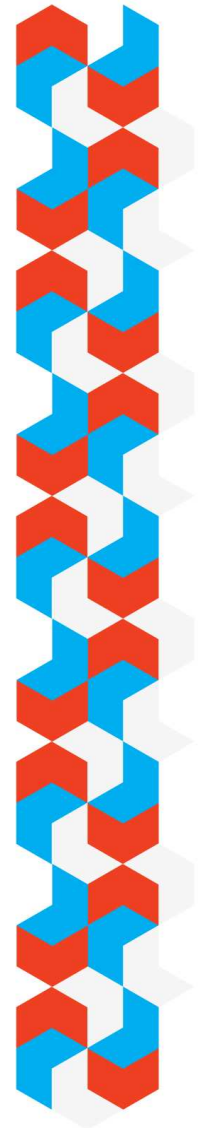
But Rolling Forecasts are not a silver bullet

- **No one-size-fits-all approach**
- **Forecast culture required**
- **Changes to models required**
- **Technology upgrades**

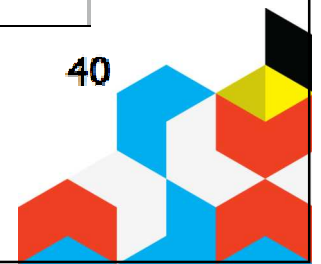
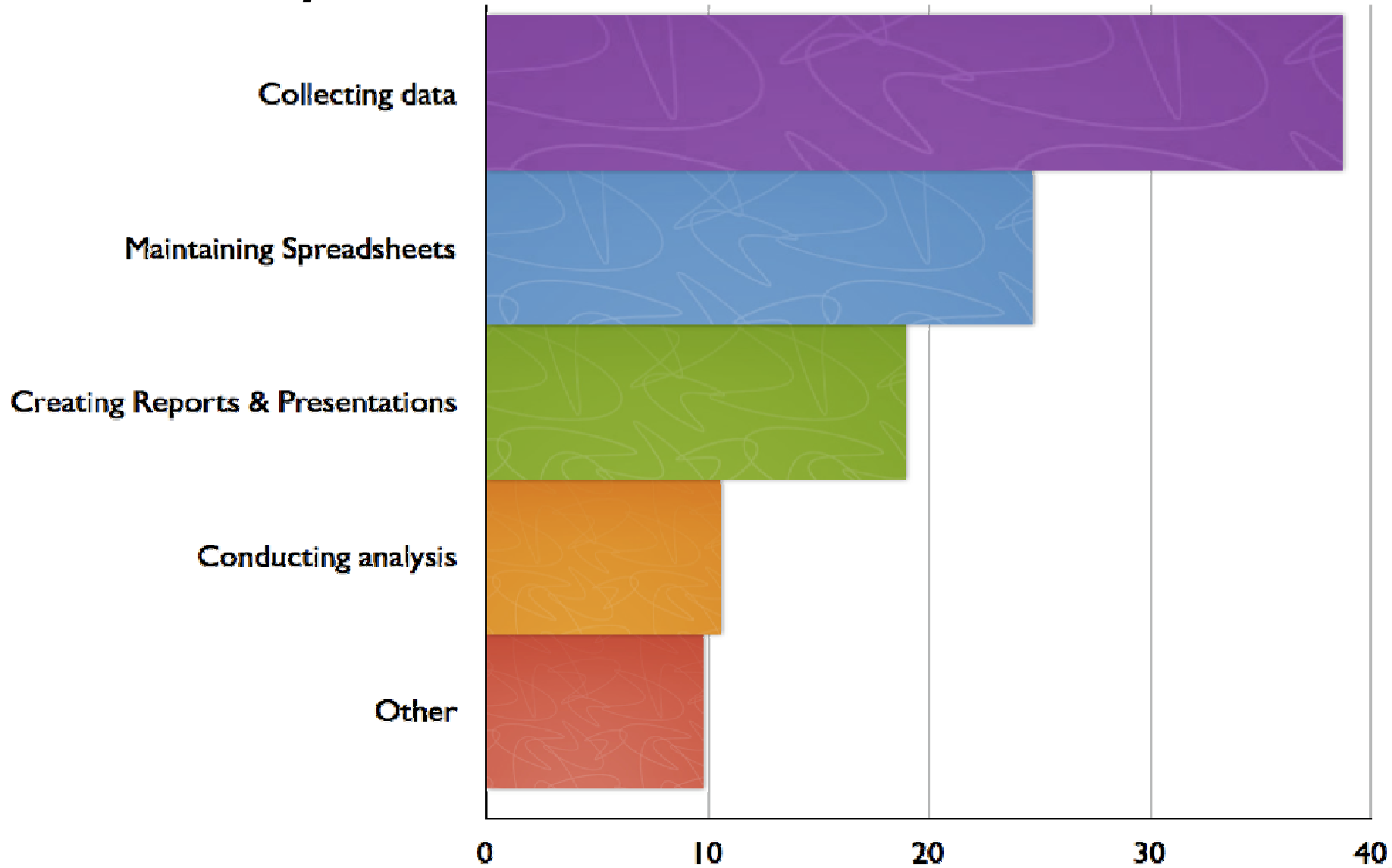


IBM Cognos Performance
Better Intelligence. Better Business.

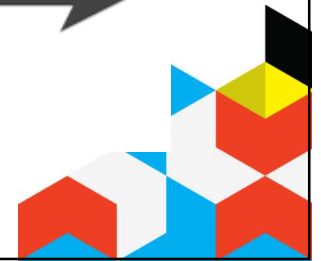
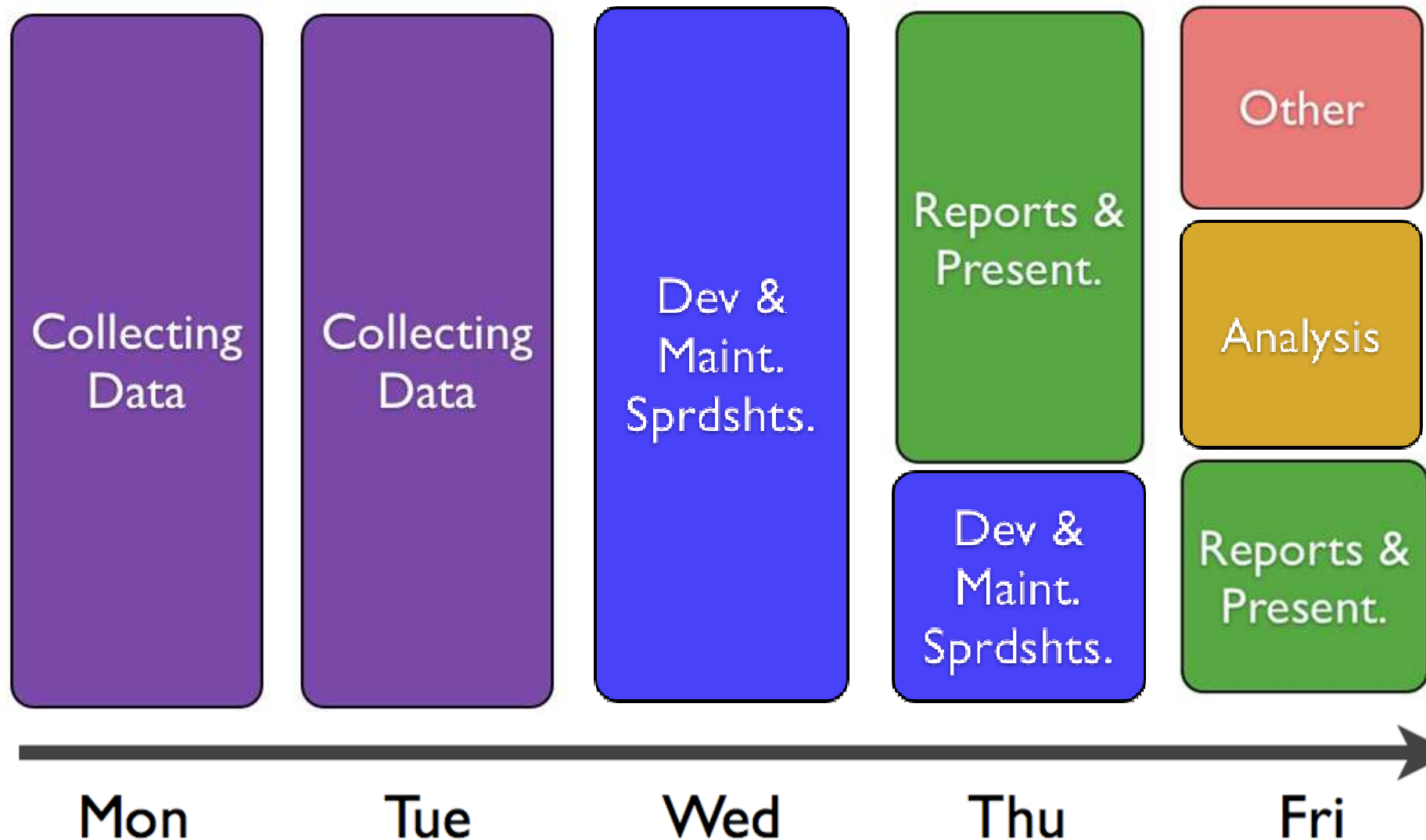
Implementing a Rolling Forecast with IBM Cognos



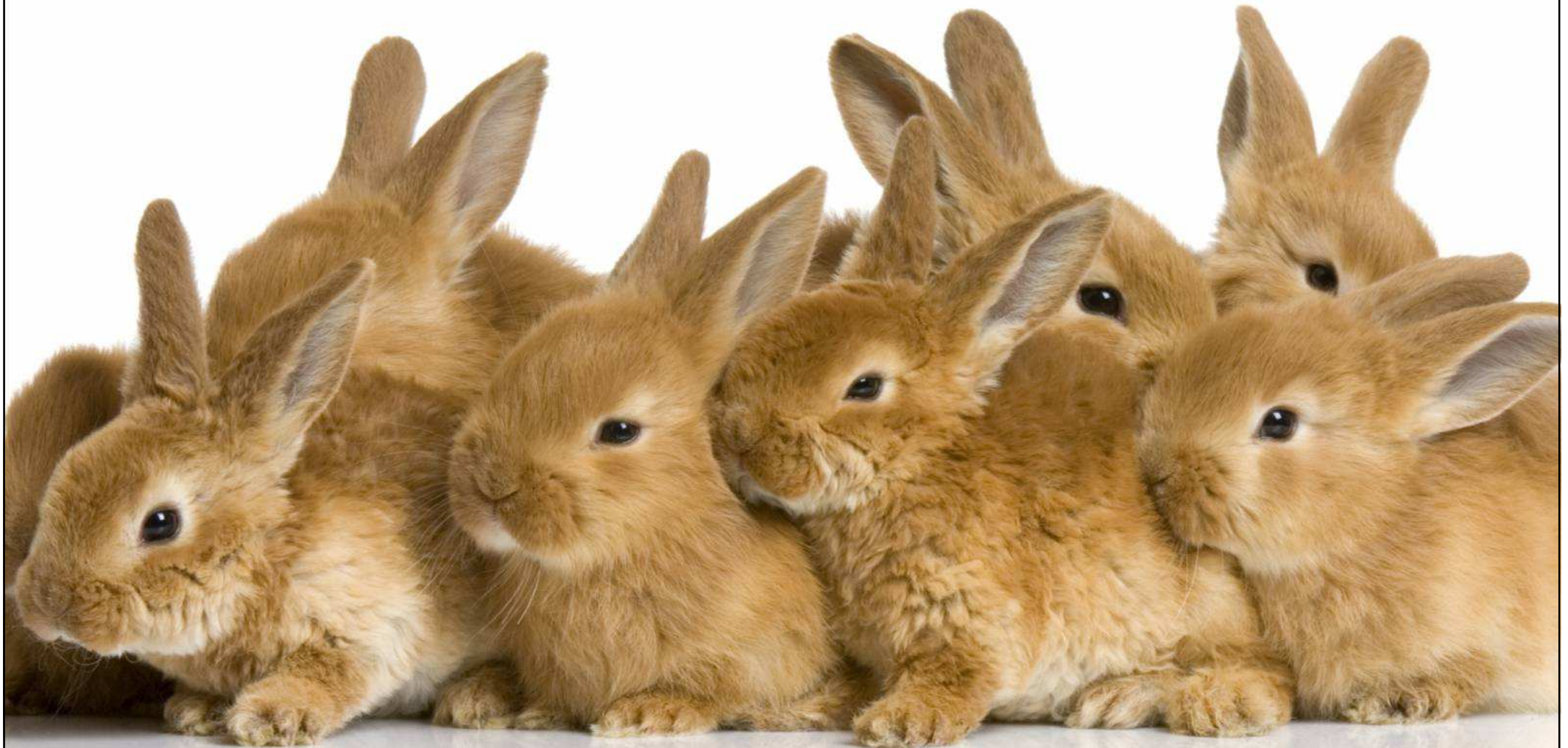
How do we spend our time?



Same data – different perspective



IBM Cognos Performance



IBM Cognos Performance

The screenshot shows a Windows Explorer window titled 'Q3 2008'. The address bar shows the path 'Q3 2008'. The left pane displays a folder tree under 'Financial Planning', including 'BUDGET-FORECAST FILES' with subfolders for years 2004-2008, 'Country Controllers' (with subfolders for France, Germany, Italy, Portugal, Spain, and UK), and 'FP&A' (with subfolders for BUDGET, FORECAST, LONG RANGE PLANNING, and MONTHLY REPORTING). The 'UK' folder under 'Country Controllers' is expanded, showing subfolders for 'Q1 2008', 'Q2 2008', and 'Q3 2008'. The 'Q3 2008' folder is selected, and its contents are listed in the main pane.

Name	Size	Type	Date Modified
UK-CC-00127.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-00182.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-00196.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-00223.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-00383.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-00578.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-00844.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-01333.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-02787.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-02835.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-03440.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-03792.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-04025.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-04577.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-05544.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-06706.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-06764.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-06785.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:28
UK-CC-06815.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-07049.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-08067.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-08988.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-09486.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29
UK-CC-09507.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:28
UK-CC-09786.xls	15 KB	Microsoft Excel Wor...	19/08/2008 17:29

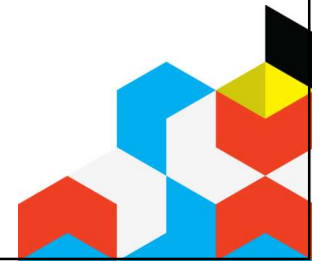


It's not only about the effort – consider the errors!

"90% of the spreadsheets analyzed contained significant errors."

PricewaterhouseCoopers

The spreadsheet shows a grid of cells with numerical values, primarily 0.0. A formula bar at the top contains a complex file path: `=\f0805p3\share\CorpFP&A\Rich Corp FPA\CAPEX\Status of Funds\FY05\Capital Plans\05-03 capital plan 2005-07 - June Capex Mtg_April.xls]Faco US!M93+\f0805p3\share\CorpFP&A\Rich Corp FPA\CAPEX\Status of Funds\FY05\Capital Plans\05-03 capital plan 2005-07 - June Cape`. A cell containing the value 0.0 is highlighted with a black border.



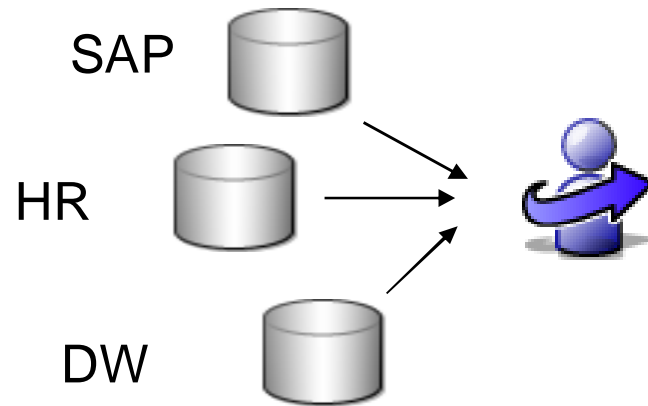


IBM COGNOS 8 v4

- **Strategy Management & Scorecarding**
- **Enterprise Planning & Analytics**
- **Financial Reporting, Analytics & Profitability**
- **Consolidation and Corporate Reporting**
- **Finance Operations (GL, AR, AP)**
- **Performance Reporting**
 - **Reporting**
 - **Dashboards**
 - **Analysis**
 - **Mobile, Office, and Search**
- **Data Integration, Business Modeling, and IBM Synergy**



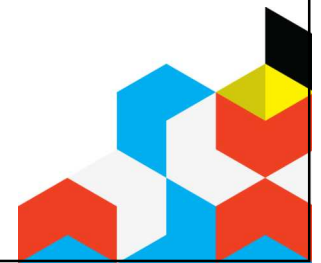
More time on Monday & Tuesday



Automated Interfaces



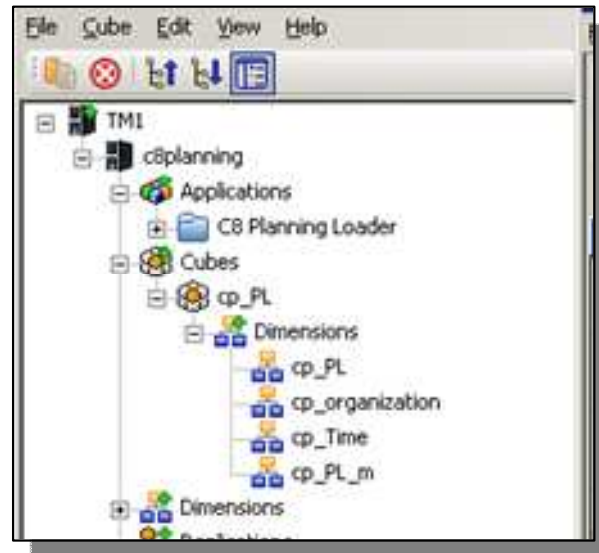
**Workflow &
High Participation**



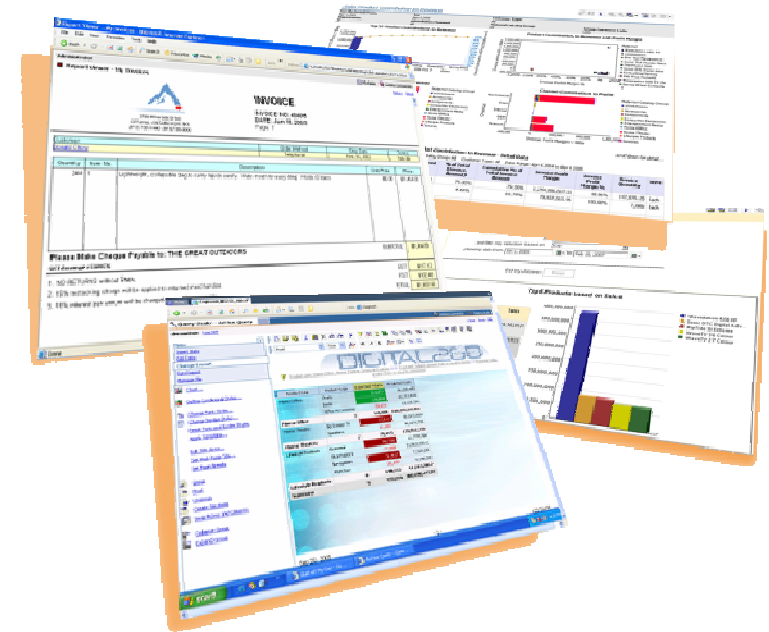
Wednesday and Thursday can look better as well

Reports &
Present.

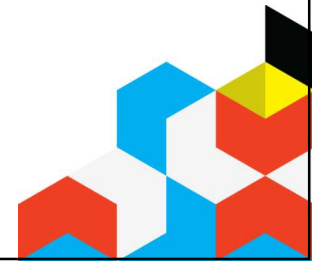
Dev &
Maint.
Sprdshts.



**Centralized model
maintenance**



**Automated
reporting**



Let's stop talking and look at this in real life.

- Review progress of my team
- Review last quarter's actuals
- Create new sales forecast
- Perform sensitivity analysis



Select Forecast Versions to analyse



Dataset 1 Dec-08 Forecast

Dataset 2 Jan-09 Forecast

Customers DE - Distributor

Months Mar-09

Products Prepared Whole Meals

	Dec-08 Forecast	Jan-09 Forecast	PVM Effects
Sales Quantity	4200	5040	
Price - Local Currency	4.50	4.00	
Price - Master Currency	5.82	4.44	
Currency	EUR	EUR	
FX Rate	0.773	0.900	
PVM - Volume Effect			4890
PVM - Price Effect			-2717
PVM - Mix Effect			-773
PVM - FX Effect			-3450
Net Sales - Local Currency	18900	20160	
Net Sales - Master Currency	24450	22400	

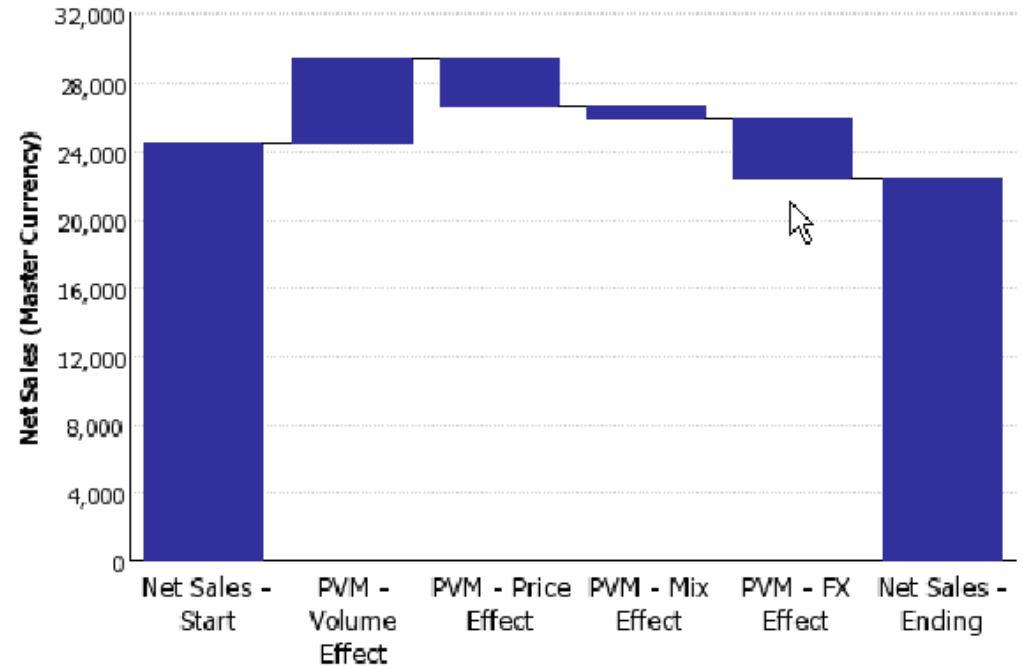
	Exchange Rate
Budget	0.900
Scenario 1	0.600
Scenario 2	0.900
Scenario 3	0.800
Oct-08 Forecast	0.900
Nov-08 Forecast	0.773
Dec-08 Forecast	0.773
Jan-09 Forecast	0.900

Price-Volume-Mix variance analysis



Net Sales Movement Analysis

Reconciles movement in Net Sales between any two data sets

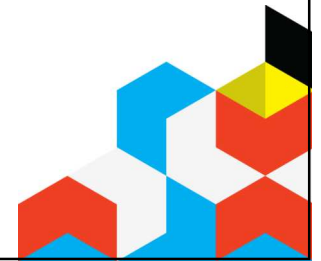
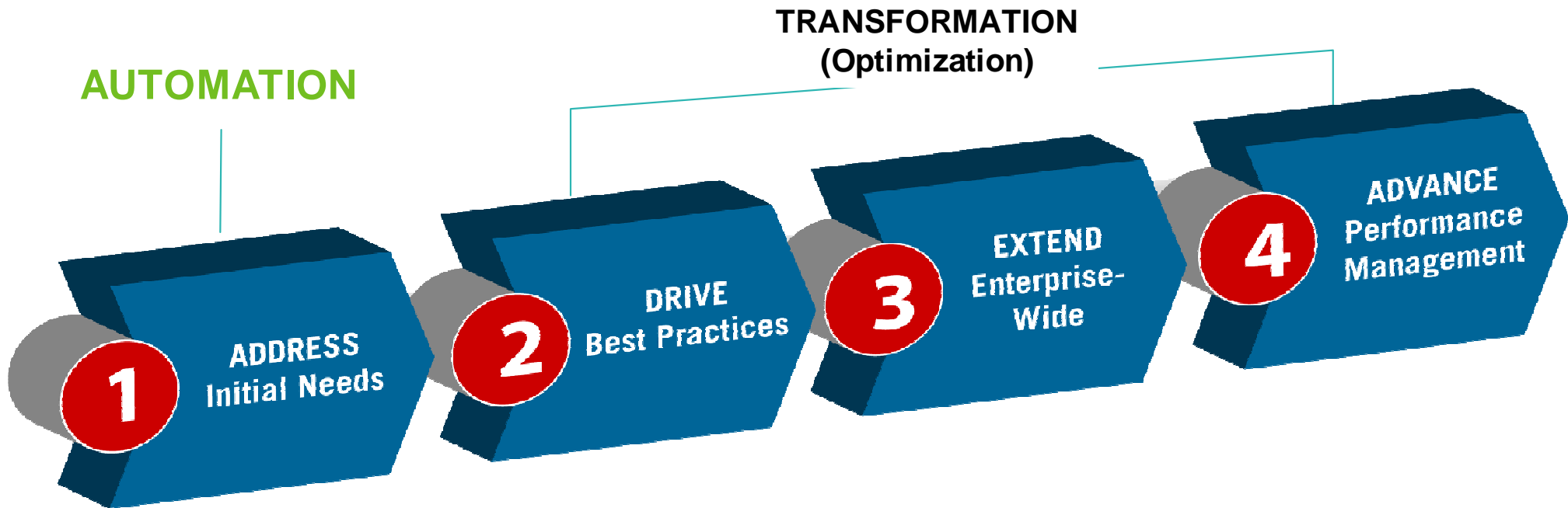


Feb 10, 2009

1

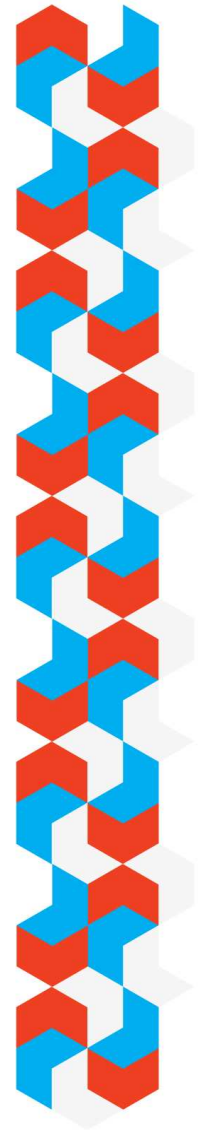
3:41:43 PM

Start small and grow big



IBM Cognos Performance
Better Intelligence. Better Business.

Wrap-up



IBM Cognos Performance

We are here to help you: Cognos Innovation Center

Customer Community



Thought Leadership

David Axson,
Sonax Group



Jeremy Hope,
BBRT



David Norton,
BSCOL



Steve Lukens,
IBM GBS




Wilfried Lux
FH St. Gallen



Innovation Center
Experts

=

Valuable Output



Blueprints

SHIFTING SANDS: FOCUSING FINANCE IN THE 21ST CENTURY

COGNOS PLAN-TO-PERFORM BLUEPRINTS

BEYOND FINANCE

leadshift

SYNCHRONIZING FINANCIAL AND OPERATIONAL PLANNING ACROSS THE ENTERPRISE

Best Practices

Events

COGNOS INNOVATION CENTER

COGNOS INNOVATION ROUNDTABLE

THURSDAY MARCH 20, 2008
WESTIN RESORT & SPA
WHISTLER, BRITISH COLUMBIA



Next Steps...

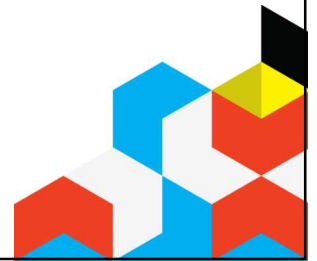
- **Come and talk to us**
- **Download our white papers**
- **Connect with your local IBM colleagues**

Innovation Center for Performance Management

Your connection to best practices and industry leaders

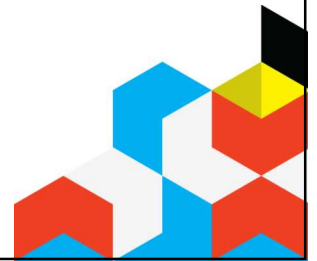
Information Management

Cognos.
software



Session Summary

- **Meaningful forecasts are required in turbulent times**
- **Rolling forecasts provide a proven approach for gaining better business insight**
- **IBM Cognos provides the software & best practices and for implementing a better forecasting approach**



More info?

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stephen.brook@uk.ibm.com

wim_den_boef@nl.ibm.com

New website:

www.ibm.com/cognos/innovation-center

Twitter:

@ibmcognosicemea

