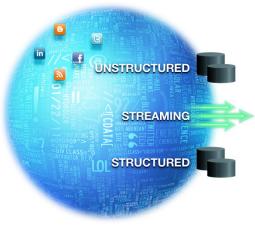
André Lafrenière, SAS Canada 4 mai, 2012



All of your data.

Analyzed all at once... in seconds.

Results wherever you are.







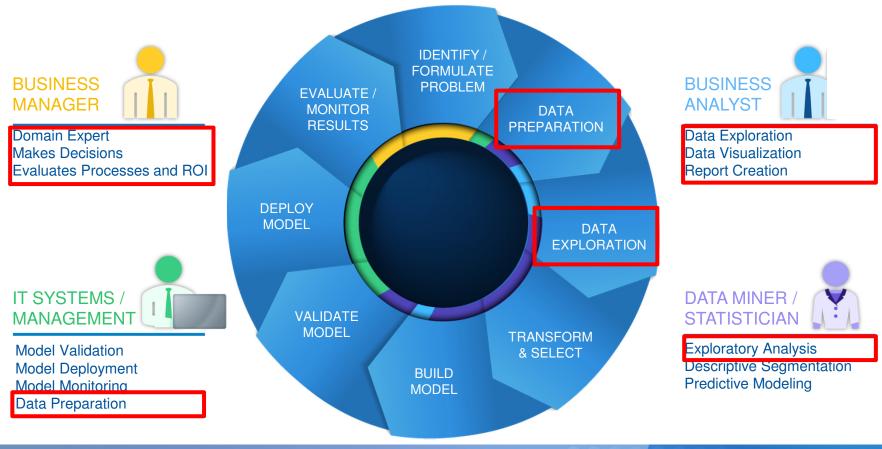






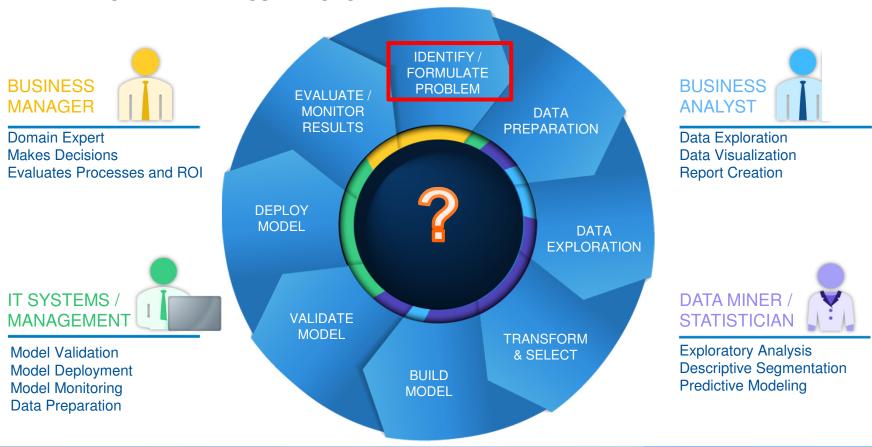


THE PREDICTIVE ANALYTICS LIFECYCLE





THE PREDICTIVE ANALYTICS LIFECYCLE



SAS® VISUAL ANALYTICS INDUSTRY PERSPECTIVES

BANKING:

Improve Customer insight (segmentation, cross-sell, retention), Regulatory & compliance, etc.

INSURANCE:

Product pricing, Claims analytics, etc.

TELCO:

Faster Action Against Churn, etc.

MANUFACTURING:

Drive Better Yield, Utilization, Satisfaction and Profitability, etc.

GOVERNMENT:

Regulatory & compliance, Fraud detection, etc.

Etc.



OFFERS A SINGLE SOLUTION

EXPLORE

DISCOVER

REPORT

DELIVER



SAS® VISUAL ANALYTICS KEY HIGHLIGHTS

Fast Flexible Data

- Access to large amounts of data from exploration and reporting
- In Memory technology for instant data access and visual rendering

Consumable Analytics

 Key analytical capabilities in easy to understand format

Data Exploration and Business Visualization

- Auto Charting and Geo Mapping
- Reporting and Dashboarding Capabilities
- Contextual Filtering and Highlighting
- Flexible Hierarchies and Drill-down / Drill Across
- Drag-n-Drop capabilities across user interface

Adaptive Presentation

- Visualizations for web and mobile consumption
- Interactive reporting viewing capabilities on iPad



DELIVERS A SINGLE SOLUTION FOR FASTER, SMARTER DECISIONS

Central Entry Point

Integration

Role-based Views



DATA PREPARATION

- Monitor SAS[®] LASR[™] Analytic server
- Load and join data
- Create calculated columns



EXPLORER

 Perform ad-hoc analysis and data discovery



DESIGNER

 Create dashboard style reports for web or mobile



VIEWER

 Delivers interactive reports via the Web

MOBILE BI

 Delivers interactive reports via native iOS application

SAS[®] LASR[™] ANALYTIC SERVER



SAS® VISUAL ANALYTICS SAS HUB

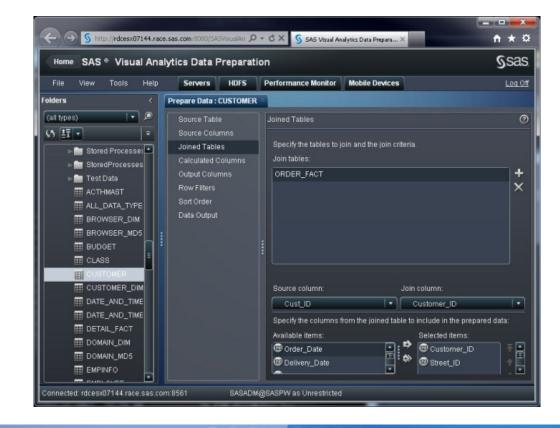
- Home page for all users
- Role based views
- Navigation to varied end user actions
 - Data Exploration
 - Report Creation
 - Report Viewing
- Administration tasks
 - Data Preparation and Monitoring
- Favourites and Search
- Collaboration via report commenting





DATA PREPARATION

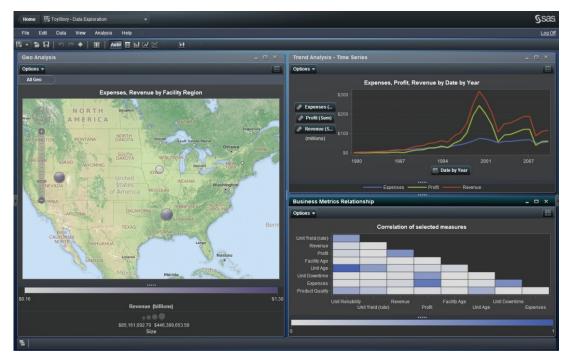
- Prepare Data
 - Join multiple data tables
 - Calculated columns (full expression builder)
 - Filter columns and rows
 - Load tables in memory
 - Apply security
 - Export SAS code
- SAS LASR Server monitor
 - Resource (CPU, I/O, Memory)
 - Process (user session focused)
- Mobile device logging history and blacklisting





SAS® VISUAL ANALYTICS EXPLORER

- Data exploration and discovery
- Visualize your data to find relationships, trends, discrepancies etc.
- Auto-Charting
- Various Visuals: Bar-Charts, Line Charts, Scatter Plots, Bubble Plot, Geo Maps, and others
- Consumable Analytics: Correlations (Relationships) and Regression (Linear, Best Fit), Summary statistics
- Dynamic Hierarchies Drill Down, Drill Across Siblings
- Save and share your exploration





SAS® VISUAL DESIGNER

- Design tool for creating reports and dashboards
- Leverage existing Explorations and tables to create reports
- WYSIWYG design
- Integrated report designer and viewer
- Use multiple data sources
- Report object interactions / prompts





SAS® VISUAL ANALYTICS VIEWER

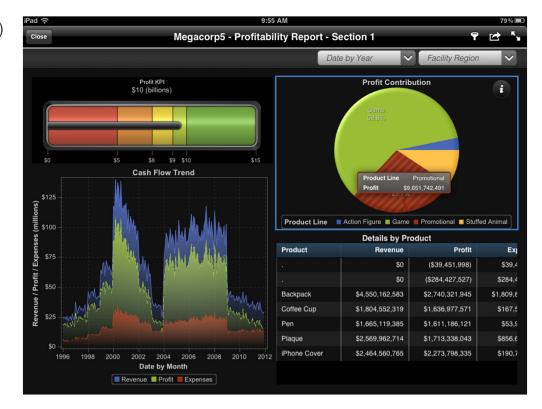
- Visualize reports previously created
 - Multiple data sources
 - Interactions
 - Tables and Explorations
- Collaboration via commenting
- "Adaptive presentation" build once, deploy on any channel & device





SAS® VISUAL MOBILE BI

- Native apps for iPad (Android in next release)
- Leverage existing SAS security
- Security focused with support for device encryption, remote wipe, blacklisting, SSL connections etc.
- Highly visual and interactive
- Offline capabilities
- View report comments





DELIVERS A SINGLE SOLUTION FOR FASTER, SMARTER DECISIONS

Central Entry Point

Integration

Role-based Views



DATA PREPARATION

- Monitor SAS[®] LASR[™] Analytic server
- Load and join data
- Create calculated columns



EXPLORER

 Perform ad-hoc analysis and data discovery



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MOBILE BI

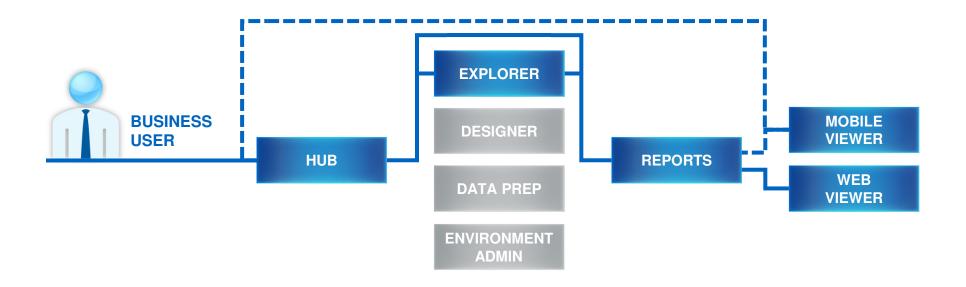
 Delivers interactive reports via native iOS application

SAS[®] LASR[™] ANALYTIC SERVER



BUSINESS USER

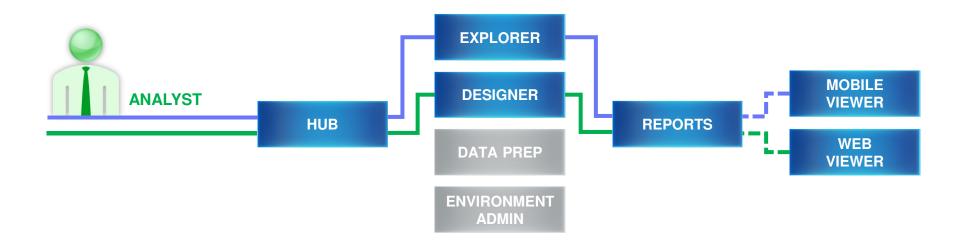
SAS® VISUAL ANALYTICS EMPOWERS ANALYTICS-BASED INFORMATION SHARING AND INSIGHT DISCOVERY





ANALYST

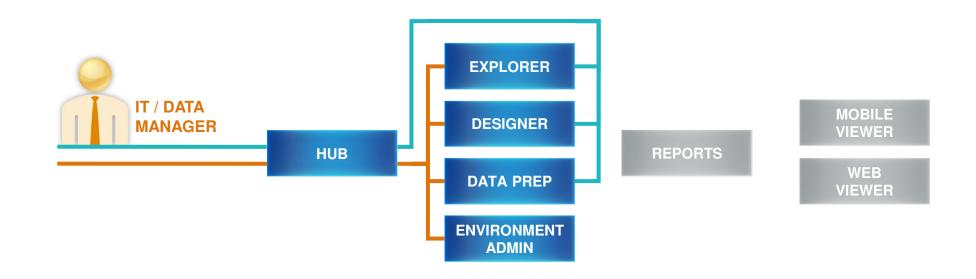
SAS® VISUAL ANALYTICS ENABLES THE DELIVERY OF FASTER, MORE ACCURATE INSIGHTS FOR MORE CONFIDENT DECISIONS





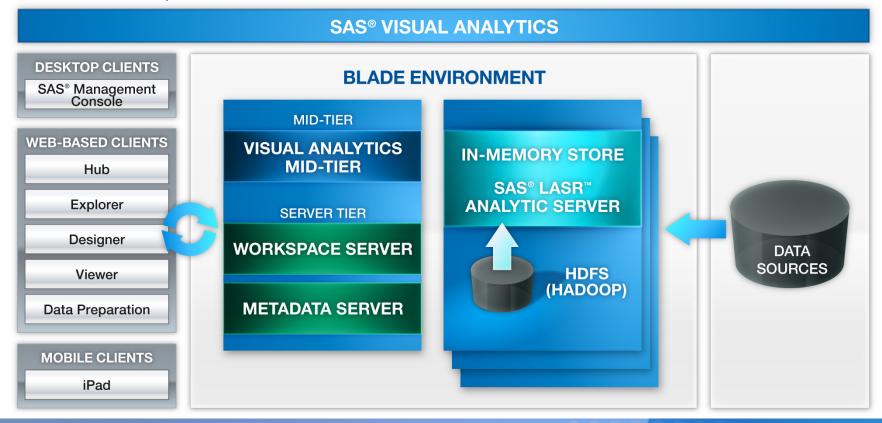
IT / **DATA MANAGER**

SAS® VISUAL ANALYTICS PROVIDES THE IDEAL BALANCE OF DATA MANAGEMENT AND USER ACCESSIBILITY

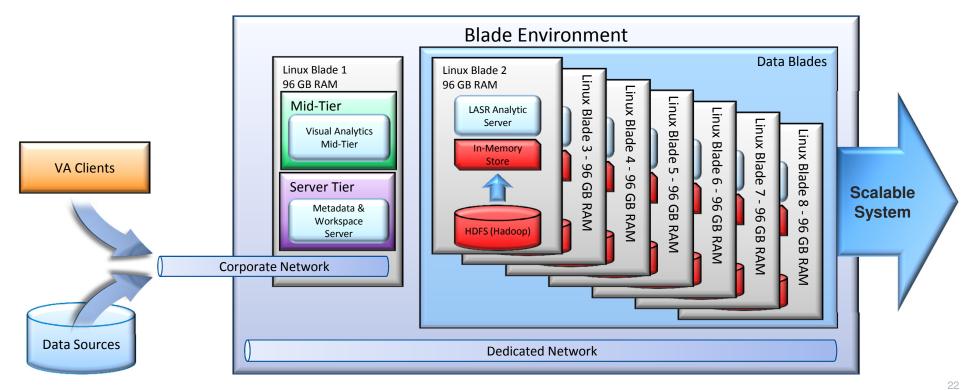




SAS® VISUAL ARCHITECTURE ANALYTICS



Sample Architecture 8 blade deployment scenario



Sas. THE FOWER.



SAS® VISUAL SYSTEM REQUIREMENTS

- Separate dedicated environment (8 blade minimum)
 - Supported on Dell, Hewlett Packard
- Operating Systems
 - Red Hat Enterprise Linux 6
 - SUSE Linux Enterprise Server 11 SP1
- JBoss Enterprise Application Platform 5.1
- Browsers
 - Firefox 3.6 and higher
 - IE 7 & beyond (*IE 8 in compatibility mode & IE 9*)
- Apache Hadoop for persistence (SAS provided)
 - Apache Hadoop 0.21.0

Why SAS® Visual Analytics?

- The first end-to-end solution that radically affects the way you work with all your data
- The only in-memory analytic engine that overcomes limitations of traditional relational databases
- The most cost-effective way to scale your IT infrastructure using commodity hardware

Why SAS® Visual Analytics?

For Business

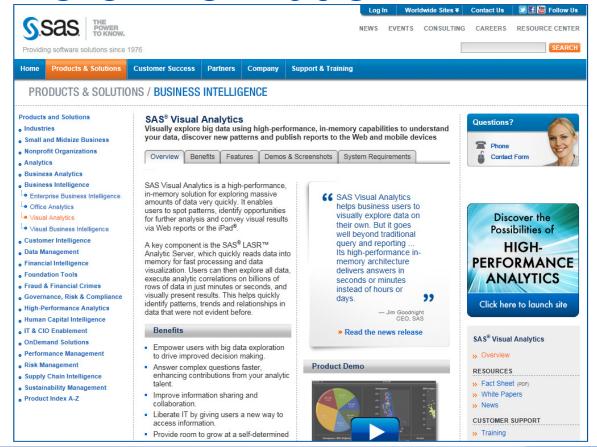
- Explore all data and fuel insight discovery for competitive advantage
- Accelerate analytic model development life cycles exponentially
- Deliver insights to mobile colleagues via the Web and iPad[®]

For IT

- Control governance and empower colleagues with easy access to all data
- Leverage commodity hardware for scalability and efficient cost-effective growth



For more information







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