



# Business Intelligence using Power BI

Solution examples

Move your business **forward.**

# About Us



We **transform business** processes, decisions and outcomes with **innovative digital solutions** and services

**23+** years of experience with **business process automation** solutions

**1700+** associates located in our globally distributed offices



**CMMI**  
**Level 3**  
Certified delivery centers



# Services & Solutions

*Data. Analytics. Cloud.*

Automation. Workflows. Integration. App dev. Managed services.



## Platform Solutions

- Data Management (ETL, MDM, Governance) • Data Analysis (Predictive, Cognitive, Machine Learning) • Integration
- Live Ink Character Recognition • Healthcare Analytics • Internal Audit • Risk & Compliance

## Shared Services

- Project Management • Architecture & Advisory • Business Analysis • Testing & Quality Control
- Infrastructure Managed Services • Application Support & Managed Services • Database Support & Management

# Industry Experience (highlights)

*Diversity of experience and effective cross-pollination of ideas and solutions*

 <b>BFSI</b>	<ul style="list-style-type: none"><li>• Automated Financial Audits</li><li>• Governance &amp; Risk Mgmt.</li><li>• Global Account Mgmt.</li><li>• PCOAB</li></ul>
 <b>Healthcare</b>	<ul style="list-style-type: none"><li>• Resource Directories</li><li>• Knowledge Libraries</li></ul>
 <b>Sports</b>	<ul style="list-style-type: none"><li>• Purchase Order Mgmt.</li><li>• Grant Mgmt.</li><li>• Inventory Mgmt.</li></ul>
 <b>Education</b>	<ul style="list-style-type: none"><li>• IoT - assessment digitization</li><li>• Exam paper bundle mgmt.</li><li>• Student Registration</li><li>• ERP Implementation</li></ul>
 <b>Telecom</b>	<ul style="list-style-type: none"><li>• Operational Support Systems</li><li>• Billing</li><li>• Technology Refresh</li></ul>
 <b>Manufacturing</b>	<ul style="list-style-type: none"><li>• EDI Order workflows</li><li>• Warehouse &amp; Shipping</li><li>• Vendor mgmt.</li><li>• eCommerce</li></ul>

## Cross-vertical Solutions

- Sales Automation
- Order 2 Cash
- CRM
- Data Integration
- Workflow Automation
- Collaboration
- Cloud Migration
- Infrastructure Transformation
- Project/Portfolio Management
- Managed Services

# Core Capabilities

*Solving complex business problems with information technology*

Infrastructure  
Transformation

Business  
Insights

Application  
Innovation

Visualization &  
User Experience

We go beyond “technology platforms” to create “**technology ecosystems**”; where data flows seamlessly through “intelligent” business processes; spurred-on by empirical data driven analytics

Whether on the cloud or on-premise, our teams can redefine your infrastructure on the latest technologies

This along with SLA driven support engagements guarantees worry-free IT

Insights from enterprise data using advanced analytics

Automate business process workflows to enhance decision making and business process efficiencies

Maximize the use of emerging and “Digital” technologies

Craft innovative user experiences with creative application designs and user interfaces

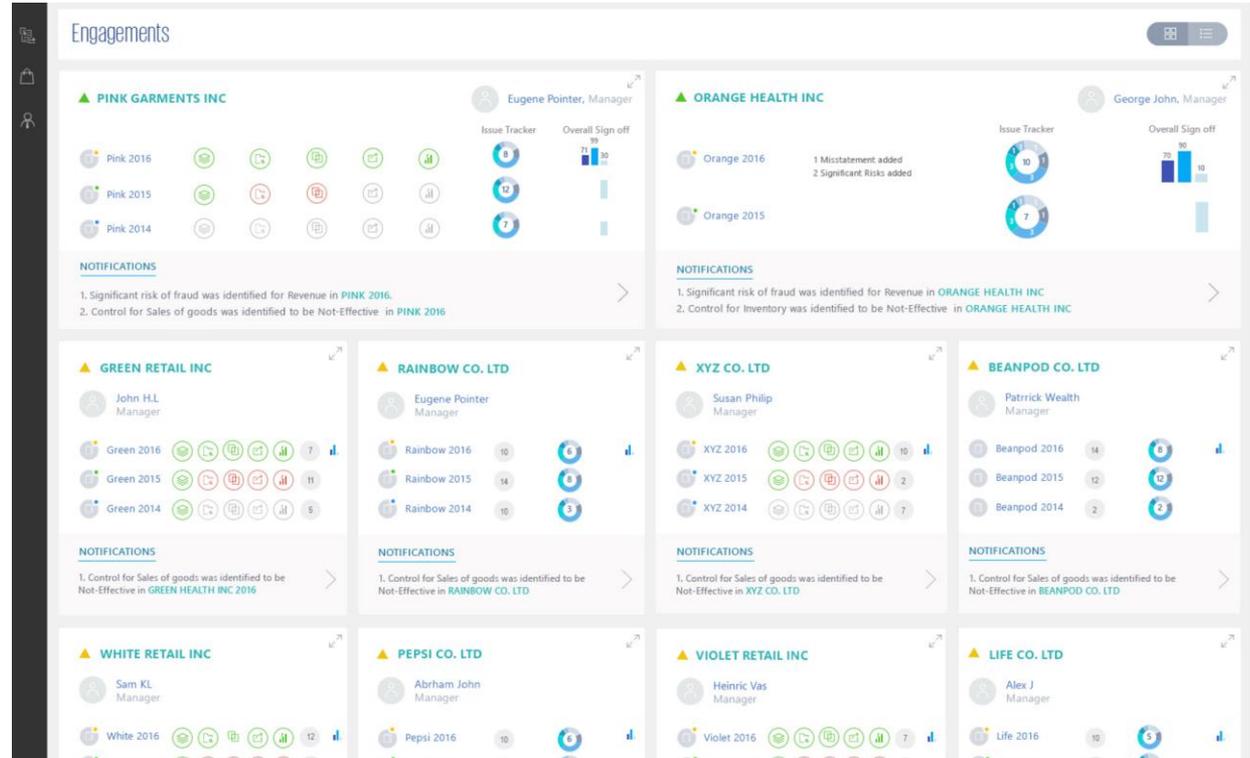
Enhance business intelligence with data driven dashboards and reports

# Enterprise Financial Reports

Comprehensive and rich-interactive reports that outline the financial status of an enterprise. Analysis routines perform automated reviews of the general ledger and other financial details for the enterprise which is then visualized using appropriate dashboards and reports.

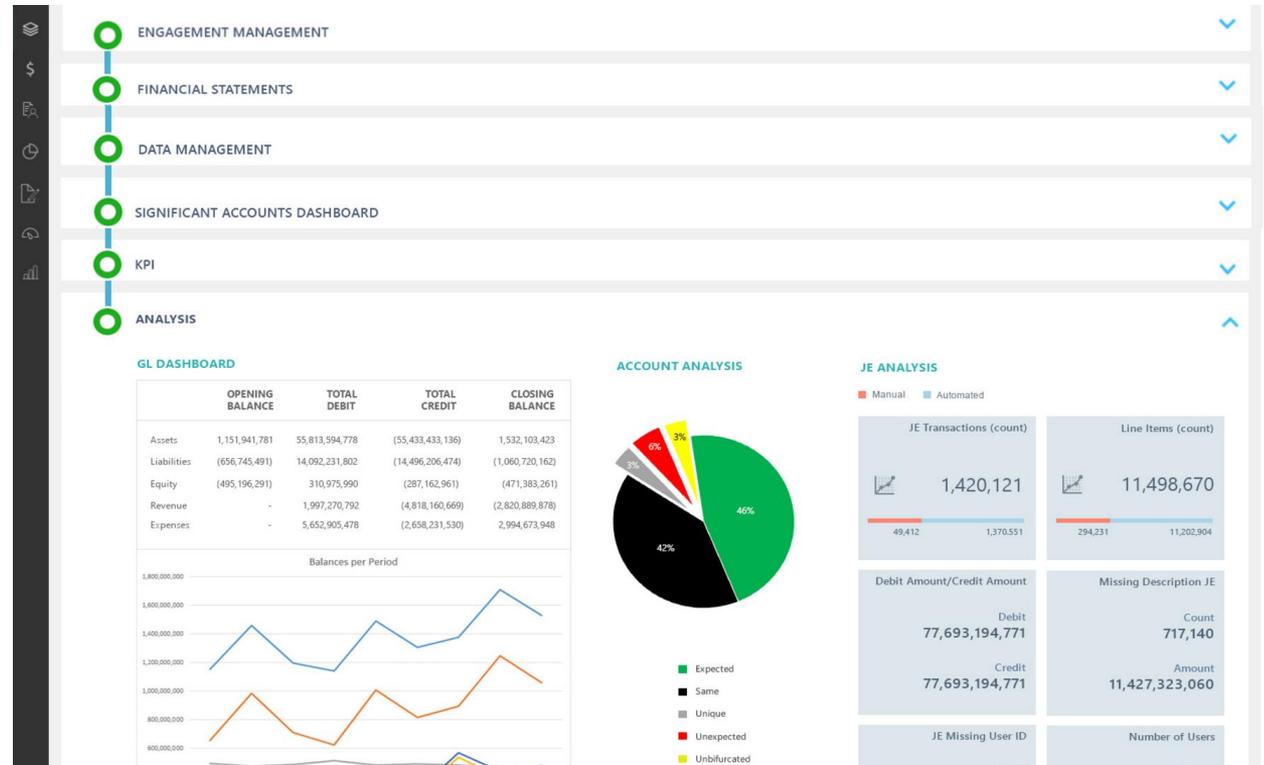
# Enterprise View

- Comprehensive view of all related financial parameters for an organization
- Visual indicators for an intuitive view into the KPIs



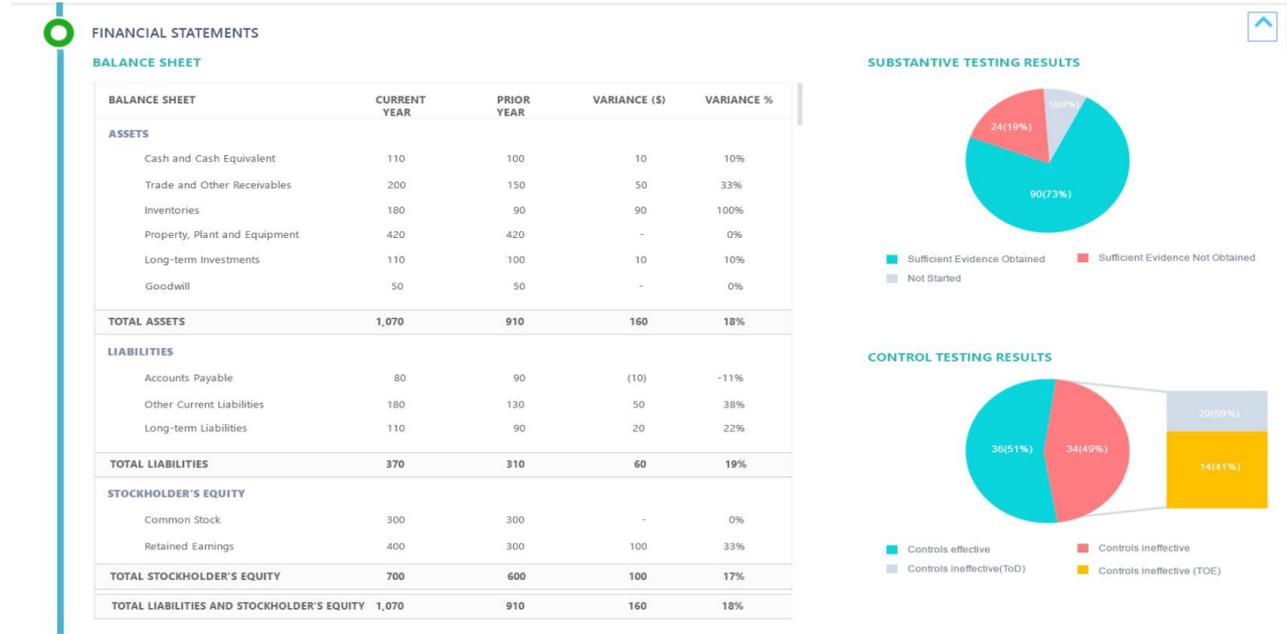
# Drill down view into Financial Statements

- Individual sections on a customized view into the various areas of interest
- Can be exported to PPT and other formats for distribution



# Financial Statements View

- Fully analyzed and audited view of the financial statements
- Drill-down and drill-up capabilities to view data at multiple levels of hierarchy



# General Ledger View

- Detailed view of the GL along with the transactions and journal entries

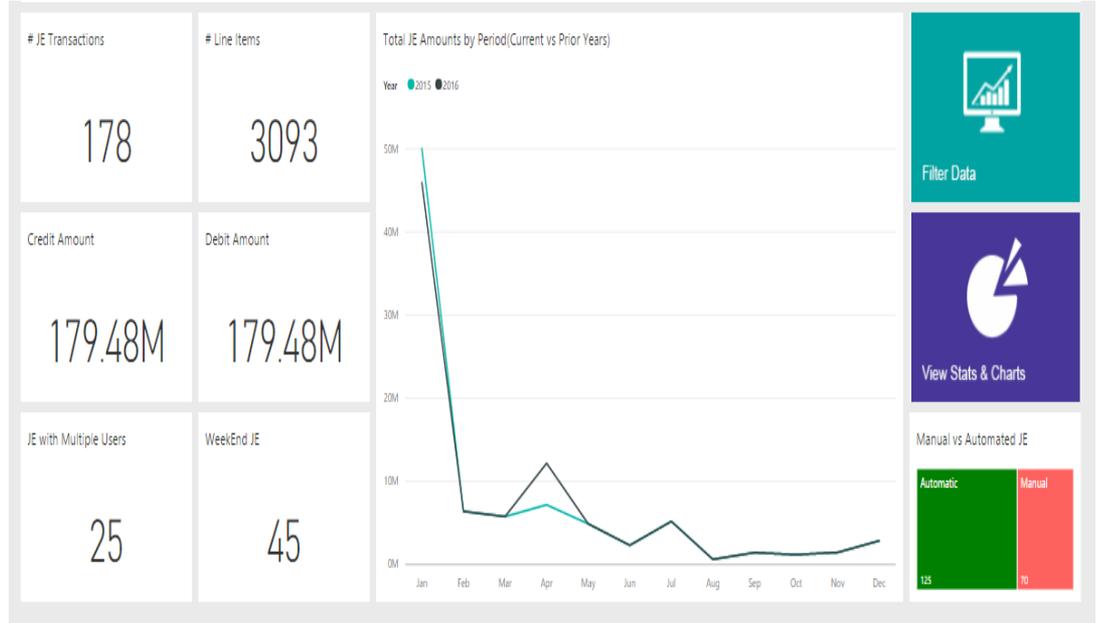


# Journal Entry Analysis

Journal Entry Analysis dashboard provides powerful drill-down capabilities enabling audit teams to perform journal entry analysis over 100% of the entity's journal entry population to identify potentially higher risk journal entries, highlight patterns and trends, and screen journal entries using pre-defined or tailored risk scenarios.

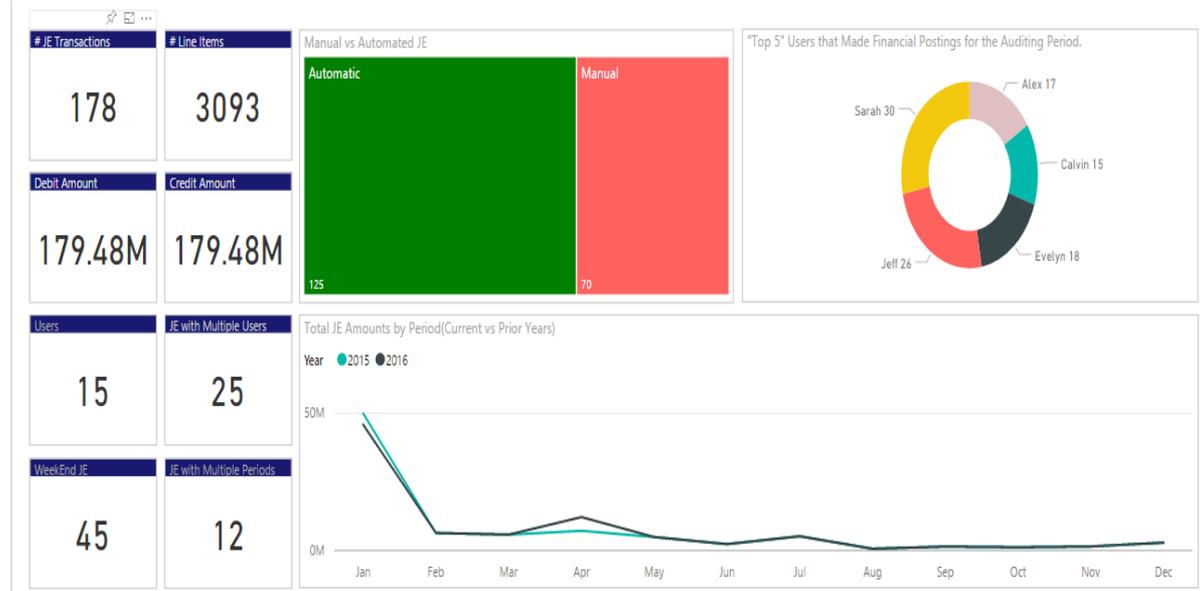
# Journal Entry Analysis Dashboard

- KPIs:
  - # Journal Entry Transactions
  - # Line Items
  - Credit, Debit Amounts
  - # Journal Entries with multiple user postings
  - # Journal Entries posted on a Weekend
- JE Amount variance between Current & Previous Year



# Journal Entry Analysis Dashboard

- Concentration of Automatic & Manual Journal Entries
- Top 5 users (Based on # of Postings)
- Comparison of total Journal Entry amount between current and previous year



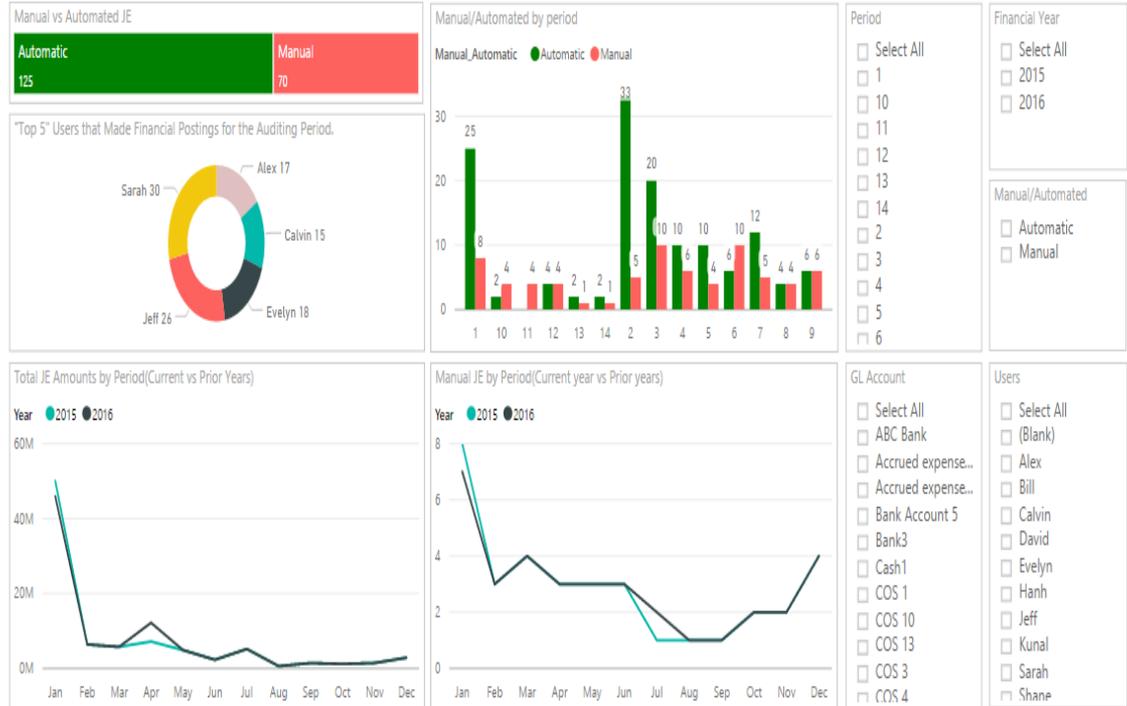
# Journal Entry Analysis Dashboard

- Manual & Automated Journal Entry distribution by:
  - Period
  - User
- Time series Analysis on Manual posting between current & previous years



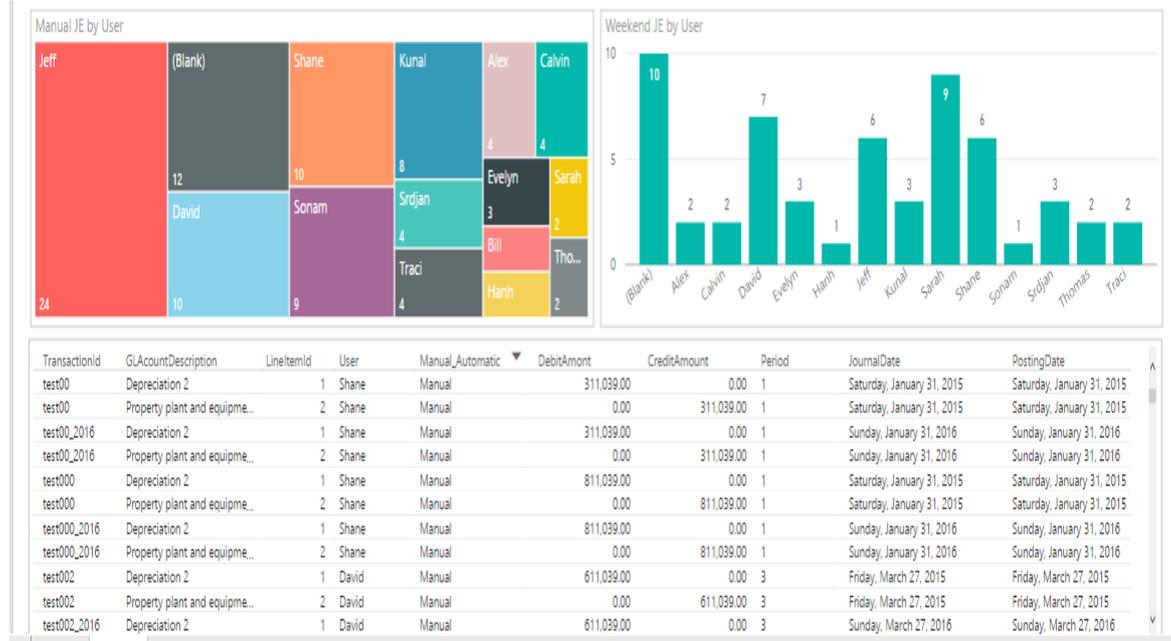
# Journal Entry Analysis Dashboard

- The charts can be sliced based on:
  - Manual Vs Automated
  - Period
  - Postings
  - Amount



# Journal Entry Analysis Dashboard

- Manual & Automated Journal Entry distribution by:
- Time series Analysis on Manual posting between current & previous years



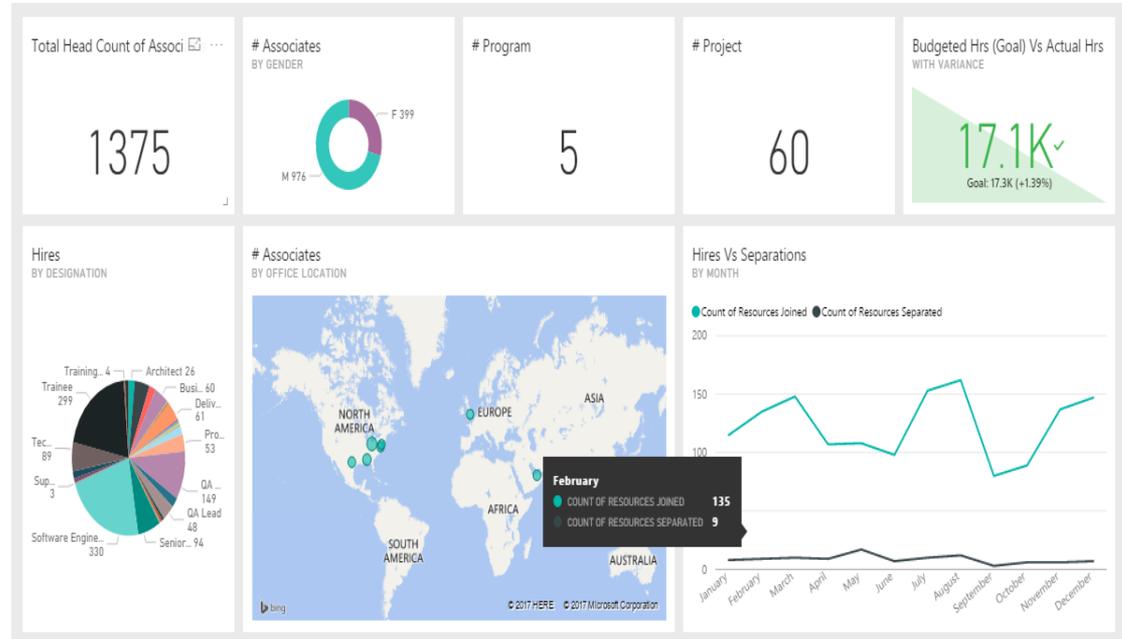
# Program (and portfolio) Management

Interactive dashboards used to track timelines, budget and tasks in order to focus on meeting the organization goals. Also track resource utilization and resource availability based on the skillsets and other parameters within the enterprise.

# Program and Portfolio Management Dashboard

KPIs of resources, Projects & Programs:

- Total Head count is shown
- Total Programs is shown
- Total Projects is shown
- Head count distribution is shown geographically
- Pattern for Hires Vs Separations



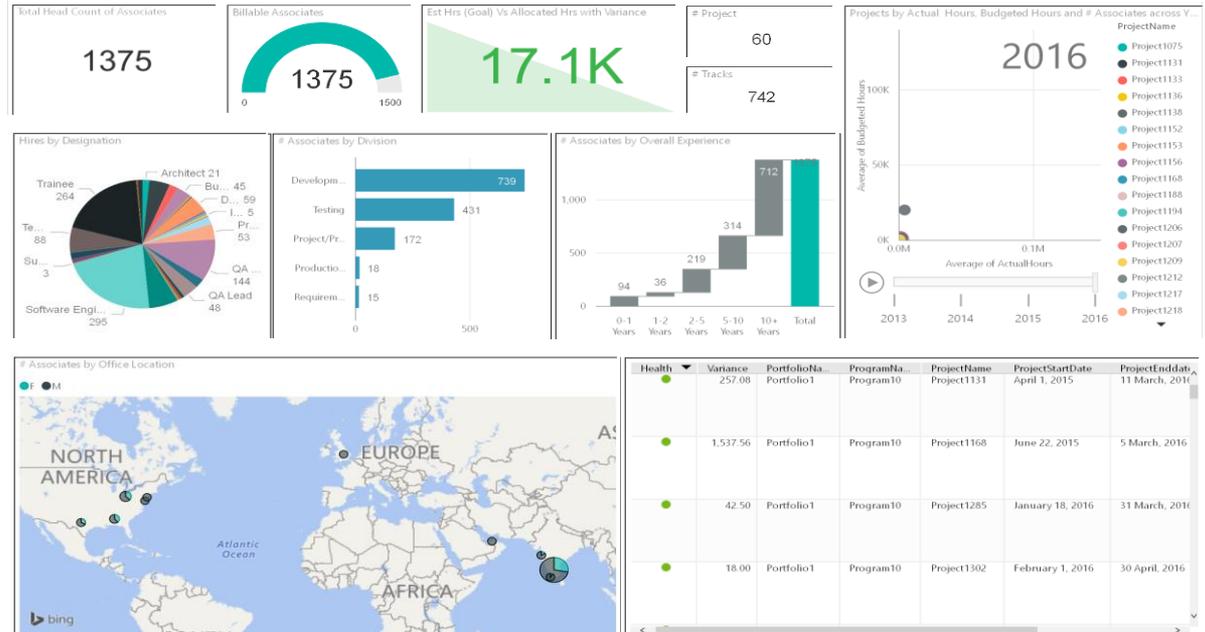
# Program and Portfolio Management Dashboard

Report Landing Page :

– Associates View by:

- Designation
- Division
- Experience
- Location

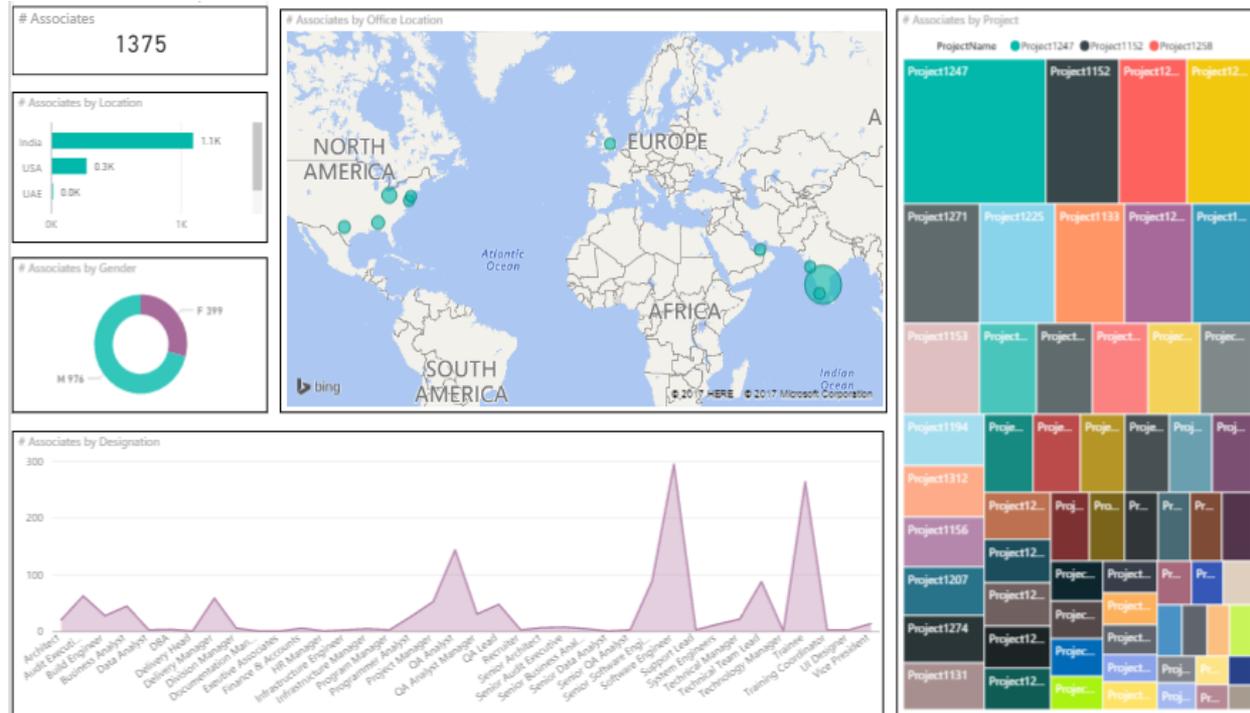
– The Bubble chart shows the burned hours, budgeted



# Program and Portfolio Management Dashboard

## Active Associates Details:

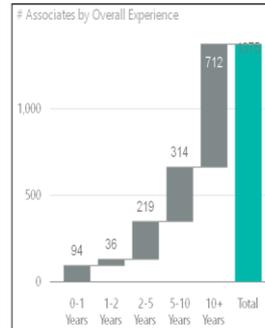
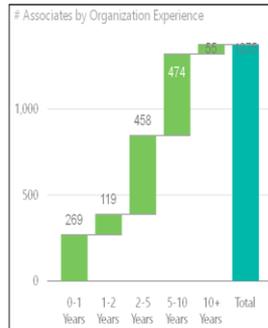
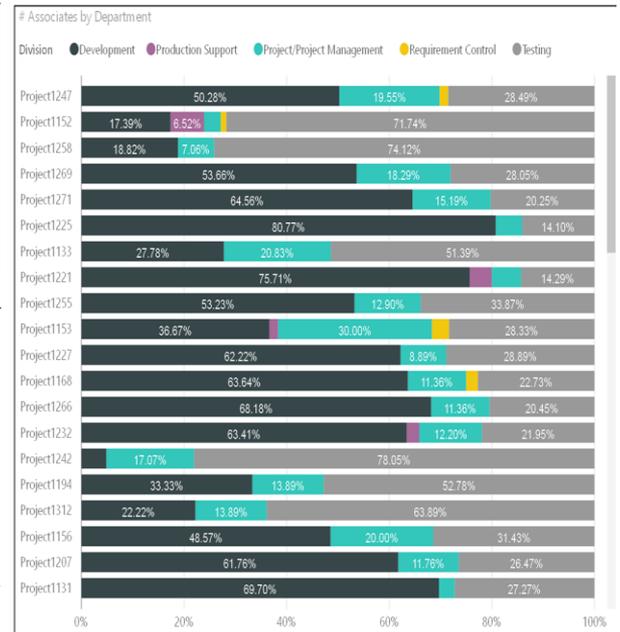
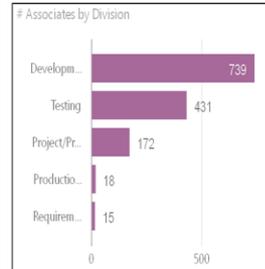
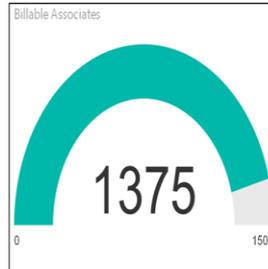
- Shows the details about the Active Associates
- Resources allocation along the projects are also plotted



# Program and Portfolio Management Dashboard

## Associate Details:

- Split up of resources by Division.
- Associates viewed by:
  - Overall Experience
  - Organizational Experience
- Distribution of associates among projects by roles



# Program and Portfolio Management Dashboard

## Active Associates:

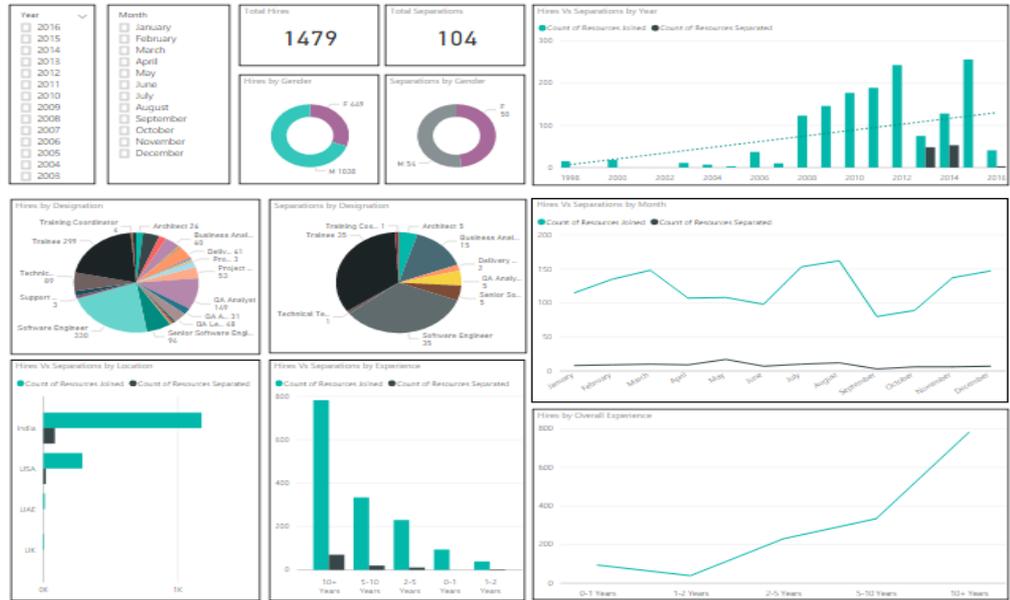
– View of associates Active vs.

Separated by:

- Gender
- Designation
- Division

– Shows the time series details of the Hires and Separations.

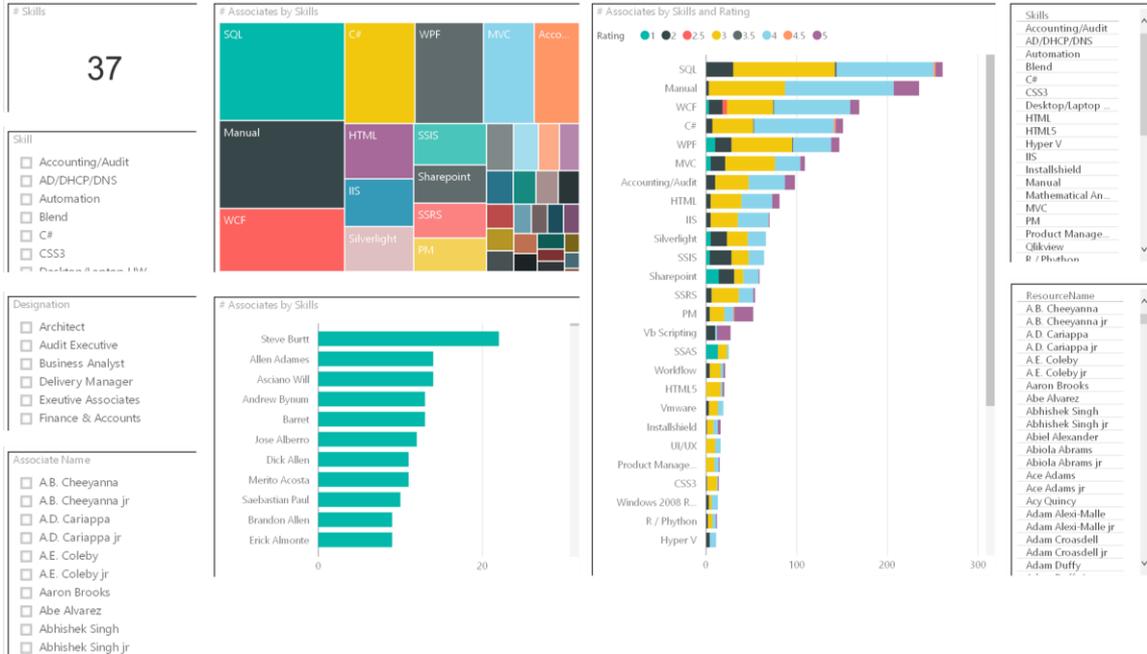
– Pattern of Separations in terms of Experience



# Program and Portfolio Management Dashboard

## Skills Matrix Details:

- Available Skills and Distribution along:
  - Associates
  - Designation
- Skills and Rating along the Associates.
- Skill set available by Project



# Program and Portfolio Management Dashboard

## Project Details:

- KPIs that shows the solid count of of:
  - Portfolio
  - Program
  - Project
- Time distributed, Actual and Allocated.
- Associate distribution among the Portfolio.
- Technology Strength.

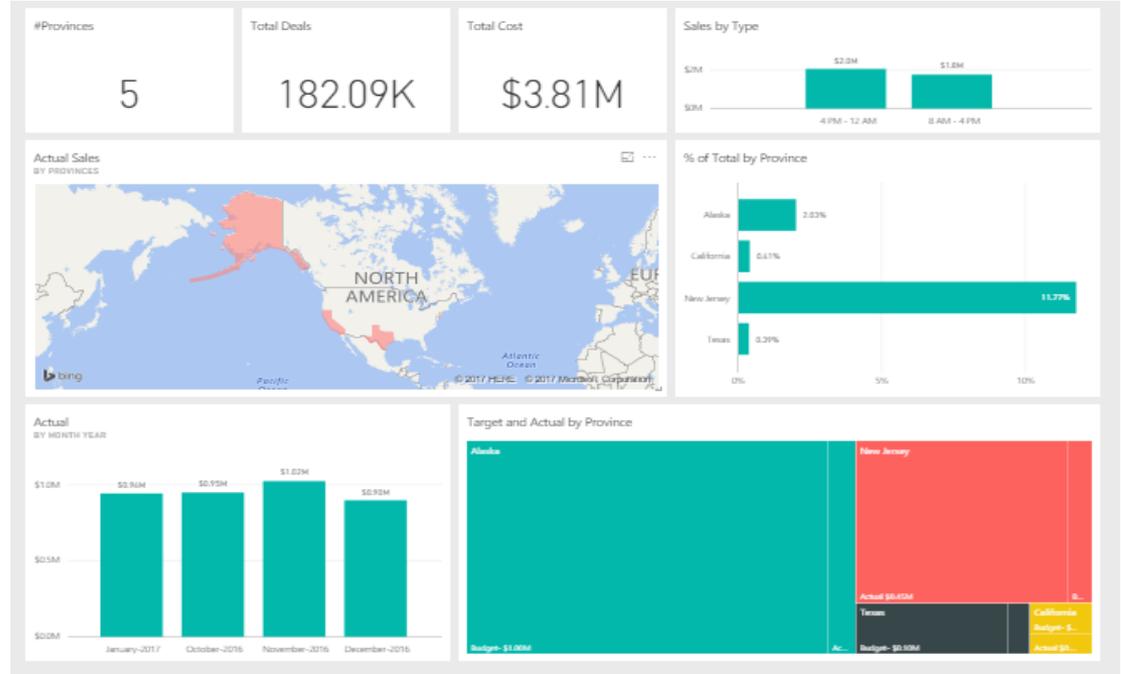


# Sales Dashboards

Sales dashboard is used to track sales and CRM KPIs and metrics using interactive and meaningful insights using intuitive graphics such as charts, gauges, and other visualization.

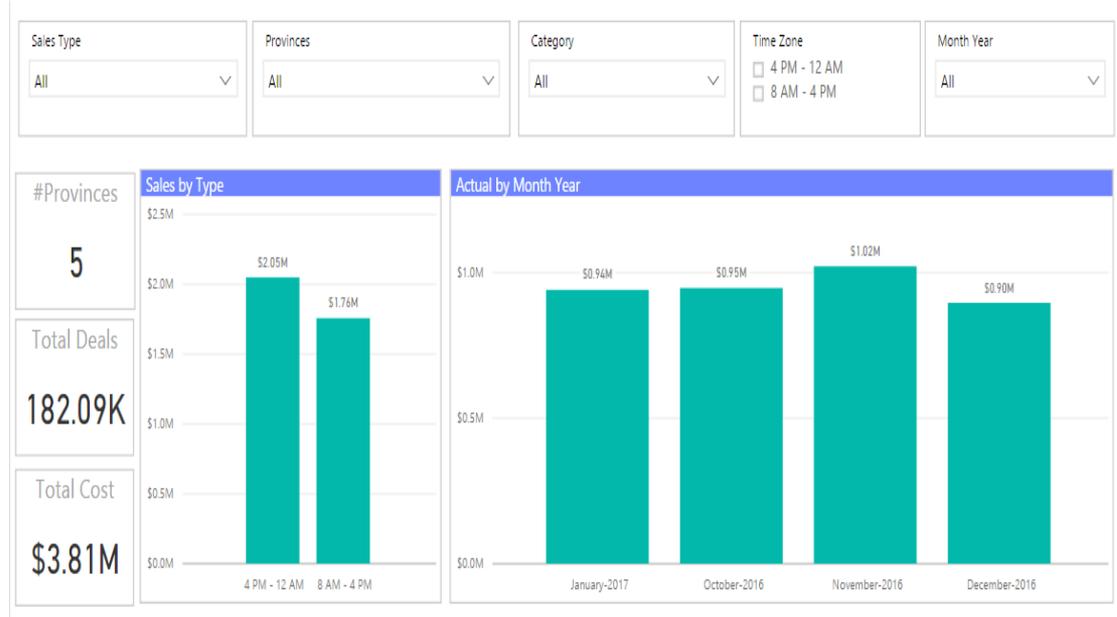
# Sales Dashboard

- Dashboard shows the KPIs for the Retail store across the Country.
- Active Provinces, Total Deals & Sales Amount Collected are plotted.
- Geographically plotted the Amount obtained & intensity of colour is varied according to the Sales



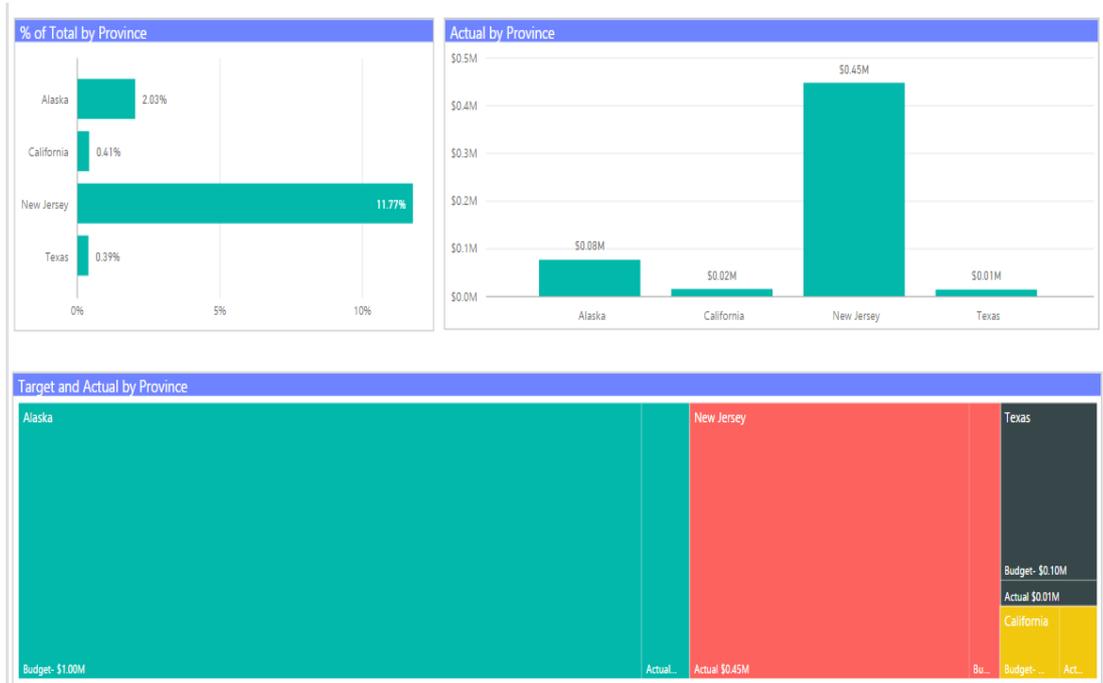
# Sales Dashboard

- Insights on the Sales Amount by:
  - Time Zone of Sales
  - Month/Period of Sales
  - Province
- Slicers to slice the data on:
  - Type of Sale ( Retail/ Internet)
  - Provinces
  - Category
  - Time Zone



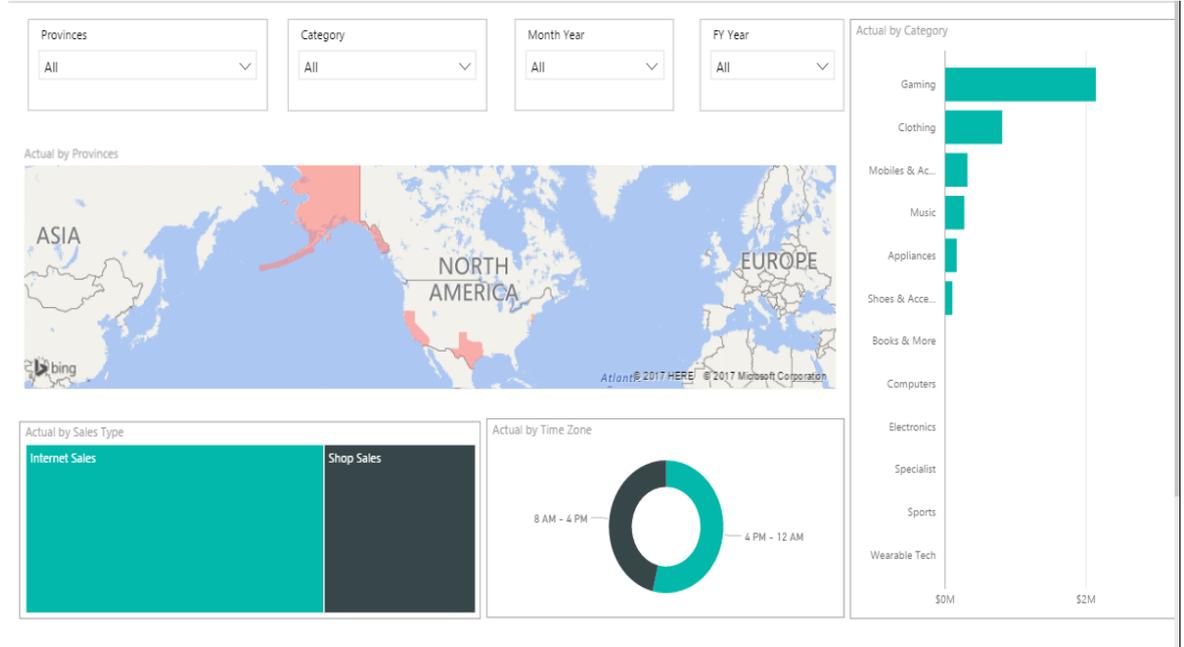
# Sales Dashboard

- % of Contribution of Sales is plotted against the Provinces.
- Target Vs Actuals Analysis on the Sales Amount.



# Sales Dashboard

- Detailed Geo map that shows:
  - Intensity of Sales varies among the Provinces based on the Sales Amount.
- Actual deals by Time Zone.
- Contribution of Retail shop Sale to Internet Sales



# Sentiment Analysis

Used to analyze consumer (and end-user) sentiments of the data that is coming from various social media sources. Twitter and Facebook data have been used in the creation of these dashboards.

# Sentiment Analysis Dashboard

Detailed Sentiment Report:

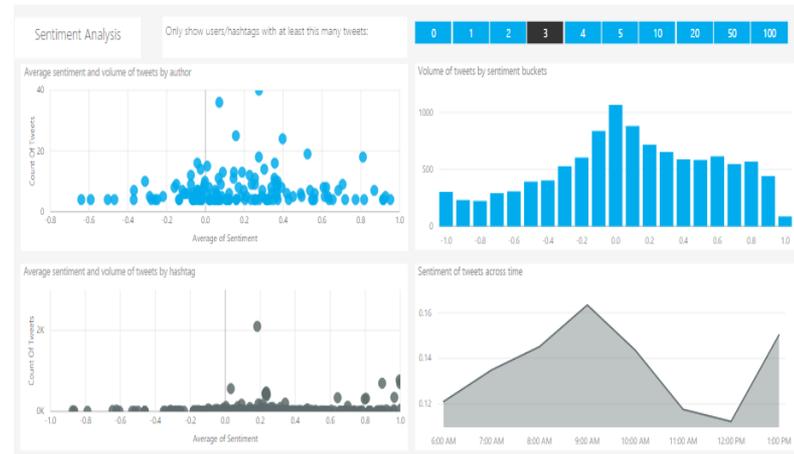
– Volume & Average

Sentiment by:

- Author
- #tag

– Sentiment of Tweets across Time

– Tweets by Sentiment Bucket

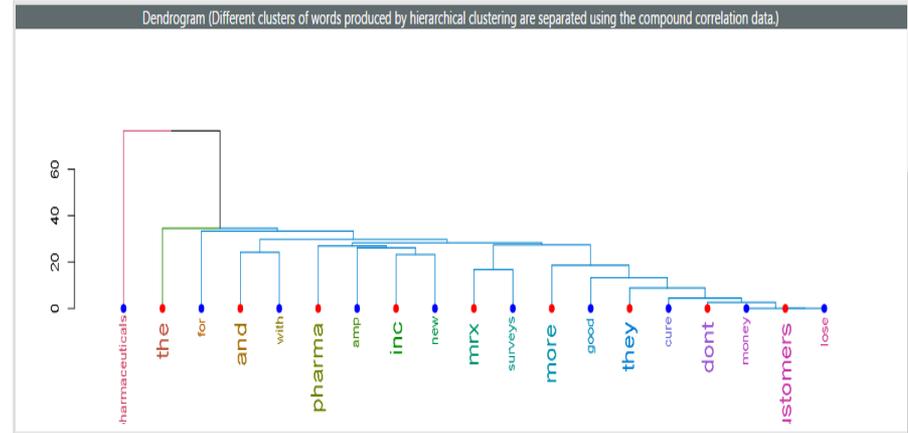




# Sentiment Analysis Dashboard

Dendrogram:

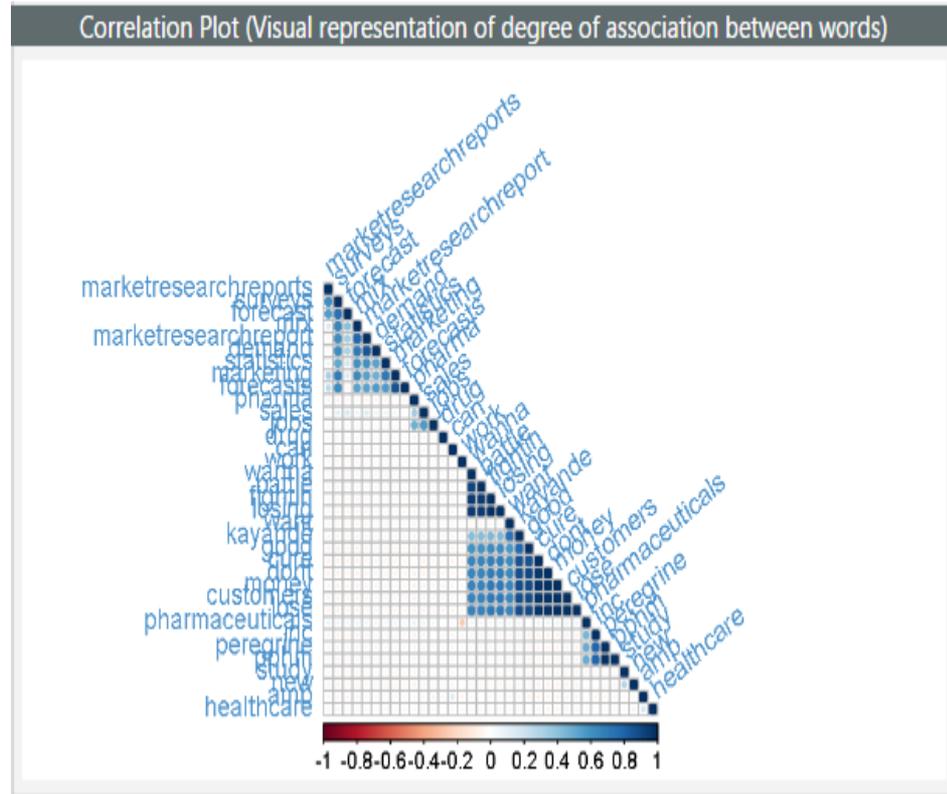
- The dendrogram is a branching diagram that represents the relationships of similarity among a group of words
- "R" code has been used to develop the Dendrogram chart
- The diagram in the template shows "inc" and "new" in the same group. "mrx" and "surveys" are in another



# Sentiment Analysis Dashboard

## Correlation Plot:

- Explains the association between the words
- For instance, the words “forecast” and “surveys” have a positive association.
- The dot colors inside the plot vary from light to dark based on the association between words.



# Thank You.

For more Information, please visit: <http://www.orioninc.com>

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