



## Sanity Report for core 4.5.5.0

URL:<https://mcube-aws-dev.lummusdigital.com/nxtgen>

Executed By:Altamash Ghaus

Email:Altamash.Ghaus@tcgdigital.com

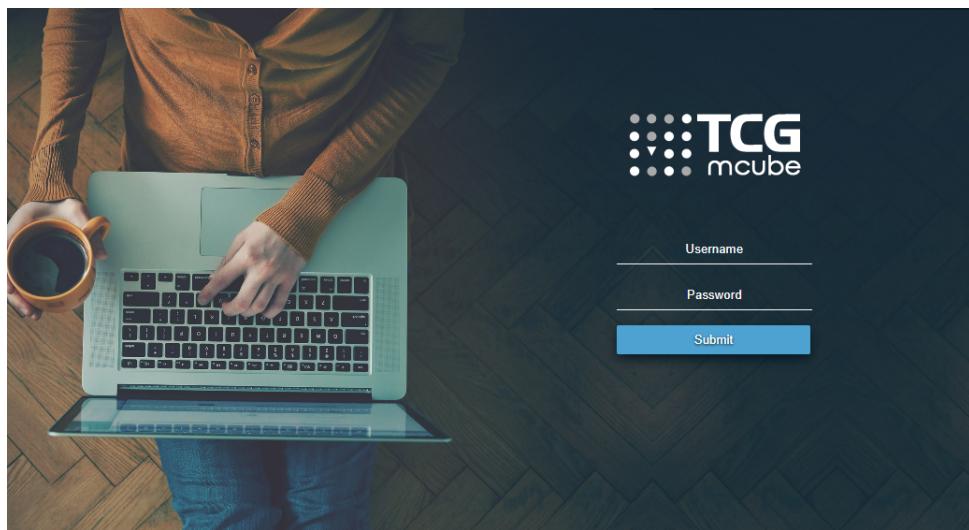
Generated At:Thu Jul 11 12:23:36 IST 2024

Results				
#	Test Case ID	Description	Expected Outcome	Result
1	SAN-URL-01	URL REACHABILITY	LOGIN PAGE SHOULD APPEAR	PASS
2	SAN-LOGIN-01	INVALID LOGIN	INVALID LOGIN MESSAGE APPEARS	PASS
3	SAN-LOGIN-02	LOGIN	LOGGED IN	PASS
4	VERSION CHECK	Version Check	Version check completed successfully.	PASS
5	DATA UPLOAD	Data Upload	Data Upload completed successfully.	PASS
6	SAN-SAVE_SEARCH-01	Save Search.	Save Search completed successfully.	PASS
7	SAN-AREA-PRESTEPS-01	AREA presteps.	AREA presteps completed successfully.	PASS
8	SAN-AREA-01	Area Chart.	Area chart completed successfully.	PASS
9	SAN-COMBO-PRESTEPS-01	COMBO presteps.	COMBO presteps completed successfully.	PASS
10	SAN-COMBO-01	Combo Chart.	Combo chart completed successfully.	PASS
11	SAN-TREE_TABLE-PRESTEPS-01	TREE TABLE presteps.	TREE TABLE presteps completed successfully.	PASS
12	SAN-TREE_TABLE-01	Tree table Chart.	Tree table completed successfully.	PASS
13	SAN-DASHBOARD-01	Dashboard.	Dashboard completed successfully.	PASS
14	SAN-SAVED_OBJECT-01	Saved object.	Saved object completed successfully.	PASS
15	SAN-WORKBENCH_PRESTEPS-01	Workbench Presteps.	Workbench Presteps completed successfully.	PASS

## Screenshots

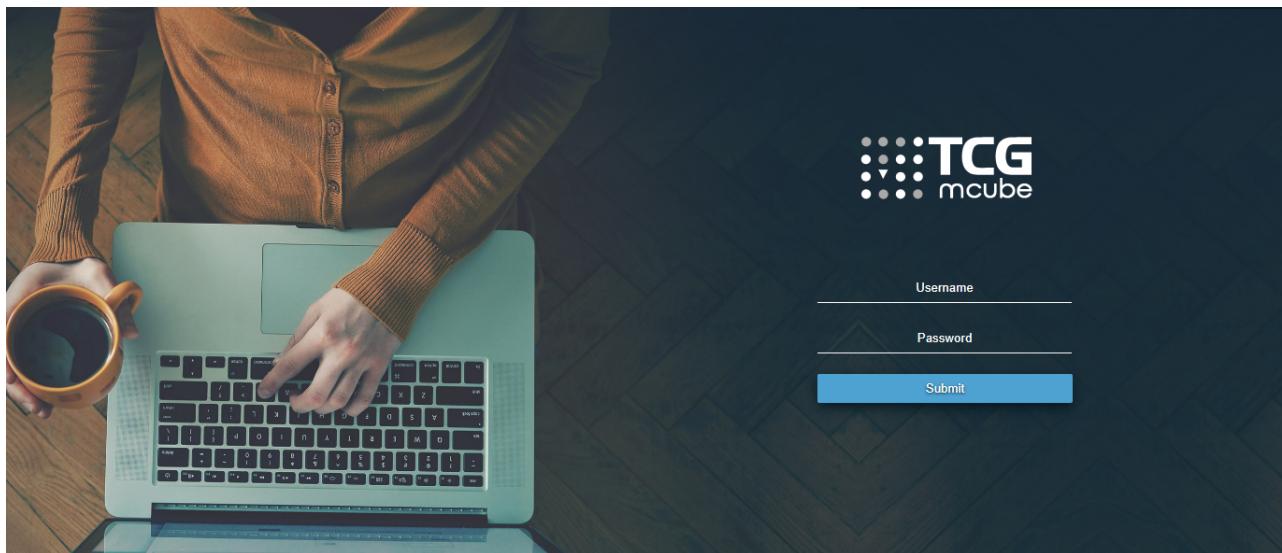
SAN-URL-01

1

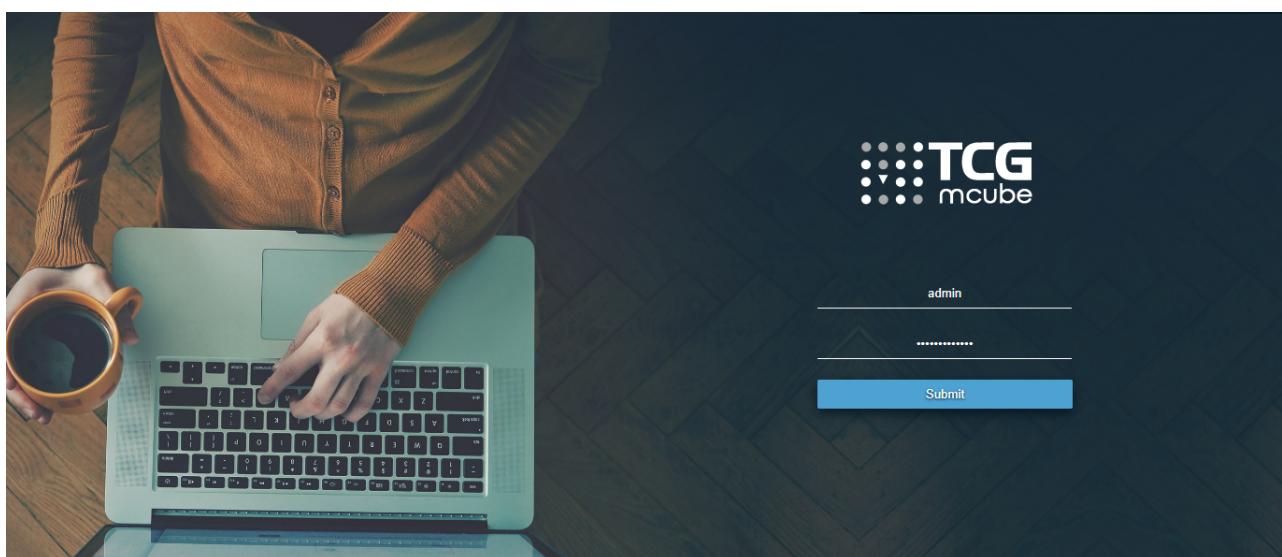


SAN-LISTIN-01

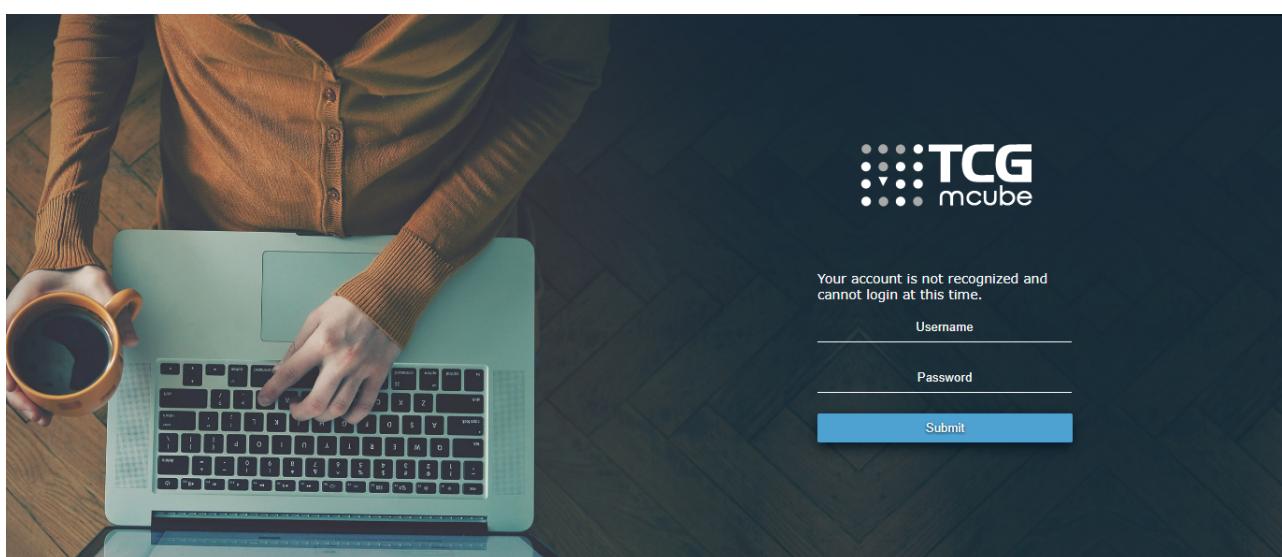
1



2



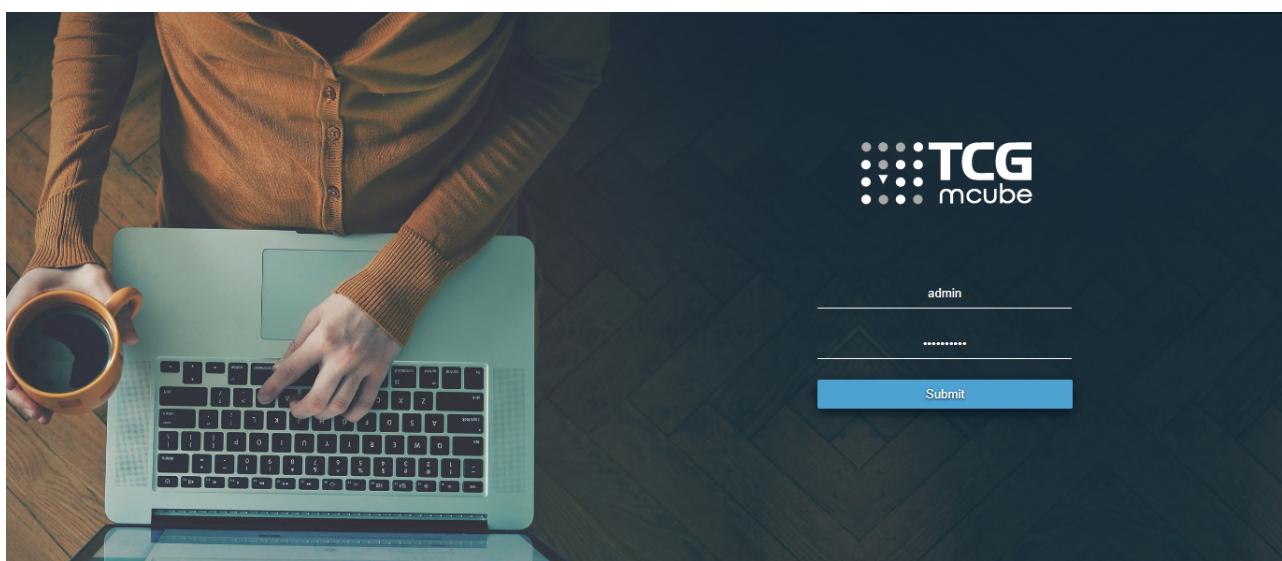
3



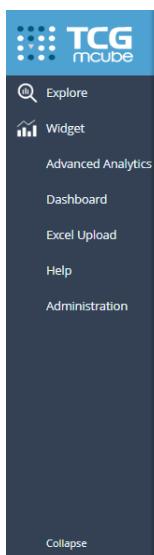
1



2



3



## VERSION CHECK

1

The screenshot shows the tcg mcube application interface. On the left is a dark sidebar with a blue header containing the tcg mcube logo. The sidebar includes links for Explore, Widget, Advanced Analytics, Dashboard, Excel Upload, Help, and Administration. The Help link is currently selected, indicated by a blue background. Below the sidebar, there's a 'Collapse' button. The main content area has a white background with a blue header bar containing the text 'About Us'. Below the header, the tcg mcube logo is displayed in red. A detailed description of the platform follows:

**tcg mcube** is an end-to-end analytics platform with the objective to perform 360-degree analytics. It covers the entire analytics spectrum, starting from data ingestion and integration from multiple data-sources, to storing them in a searchable big data repository, to building widgets and reports for descriptive analytics and to running statistical/mathematical models for predictive/prescriptive analytics and machine learning.

Our platform integrates the entire organization to attain management excellence by helping Business Owners, Managers, Data Scientists, and IT leaders with Prescriptive Analytics based on business events and real-time data for predicting the future, going beyond historical data analysis and current trends. tcg mcube (moniker from Monitoring, Measuring, and Managing) is our proprietary three-layered analytics platform that corresponds to:

1. Data integration from disparate sources
2. Information delivery, and
3. Algorithm-based analytics.

The core data model of **tcg mcube** leverages semantic data-modeling techniques to support different database objects and attributes that allows extensive customization.

Version: 4.5.4.0

## DATA UPLOAD

1

The screenshot shows the TCG mcube interface with the 'Data Upload' tab selected. On the left, a sidebar includes links for Explore, Widget, Advanced Analytics, Dashboard, Excel Upload, Help, and Administration. The main area is titled 'Preview Data' and contains instructions to 'Upload and preview your CSV file' with a maximum file size of 5MB. It also notes that the first row should be a column header. A 'Browse' button is present for file selection.

2

This screenshot is identical to the one above, showing the 'Preview Data' page with the same instructions and interface elements.

3

The screenshot shows the 'Preview Data' page after a CSV file has been uploaded. The table displays 10 entries out of 41, with columns labeled: Entry Date, City, Manager, Sales, SAMPLESECURITYDEPARTMENT, SAMPLESECURITYUSER, BATCHSECURITYDEPARTMENT, and BATCHSE. The data includes entries for Kolkata, Delhi, Mumbai, Hyderabad, and Bangalore. At the bottom, there is a pagination control showing 'Show 10 entries' and buttons for 'Previous' and 'Next'.

Entry Date	City	Manager	Sales	SAMPLESECURITYDEPARTMENT	SAMPLESECURITYUSER	BATCHSECURITYDEPARTMENT	BATCHSE
01-08-2022	Kolkata	Rob	1200	Dept #1	tcguser	Dept #1	tcguser
02-08-2022	Delhi	John	1400	Dept #1	tcguser	Dept #1	tcguser
03-08-2022	Mumbai	Mary	14880	Dept #1	tcguser	Dept #1	tcguser
04-08-2022	Hyderabad	Paul	12003	Dept #1	tcguser	Dept #1	tcguser
05-08-2022	Bangalore	Bob	1234	Dept #1	sanket	Dept #1	tcguser

4

5

The screenshot shows the TCG mcube Data Upload interface. The top navigation bar includes links for Configure Datasets, Saved Objects, NLP, Data Upload (which is highlighted in blue), Manage Maps, Data Profile, and Advanced Settings. On the far right, there's a 'Welcome User' dropdown. The left sidebar has icons for Explore, Widget, Advanced Analytics, Dashboard, Excel Upload, Help, and Administration (which is also highlighted in blue). The main content area has a title 'Verify Mapping'. At the top right, it says 'Target Dataset' with a value 'admin\_...ipledata110720241215:' and a 'Create Dataset' button. Below this is a table with columns: Column name, Column type, Date format, and Example column data. The table rows are as follows:

Column name	Column type	Date format	Example column data
Entry Date	date	DD-MM-YYYY	23-03-2020
City	text		Delhi
Manager	text		John
Sales	number		1400
SAMPLESECURITYDEPARTMENT	text		Dept #1
SAMPLESECURITYUSER	text		tcguser
BATCHSECURITYDEPARTMENT	text		Dept #1

At the bottom left, there's a checkbox labeled 'Index contains time-based events'. A 'Collapse' button is located at the bottom left corner of the main content area.

The screenshot shows the TCG mcube interface with the 'Data Upload' tab selected. A modal dialog box is centered over the page, displaying the message "Data has been uploaded successfully. 'Add Dataset' will make it visible to the current workspace". Below the message are two buttons: "Stay Here" (blue) and "Add Dataset" (red). The background shows a table titled "Verify Mapping" with columns for "Column name" and "Type". The table lists several columns: "Entry Date" (text), "City" (text), "Manager" (text), "Sales" (number), "SAMPLESECURITYDEPARTMENT" (text), "SAMPLESECURITYUSER" (text), and "BATCHSECURITYDEPARTMENT" (text). To the right of the table is a section titled "Example column data" showing sample values for each column. The top navigation bar includes links for "Configure Datasets", "Saved Objects", "NLP", "Data Upload", "Manage Maps", "Data Profile", and "Advanced Settings". The top right corner shows a user welcome message: "Welcome User".

6

The screenshot shows the TCG mcube web application. The left sidebar includes links for Explore, Widget, Advanced Analytics, Dashboard, Excel Upload, Help, and Administration. A 'Collapse' button is at the bottom left. The main header has tabs for Configure Datasets, Saved Objects, NLP, Data Upload, Manage Maps, Data Profile, and Advanced Settings, with a 'Welcome User' dropdown on the far right.

The 'Configure Datasets' tab is active, showing a search bar and a list of datasets. The first dataset listed is 'admin\_sampledata11072024121536'. Below it are other datasets like 'admin\_sampledata11072...', 'admin\_sampledata11072...', 'admin\_nonmoy\_daily\_tra...', 'admin\_trial21', 'bjnjxncas', 'optimizer\_demo', 'optimizer\_demo\_1', 'optimizer\_demo\_new', 'supstore', 'supstore\_trend', 'tag\_info\_2024\_01', and 'test'. There are also 'Add New' and 'Search' buttons.

The main content area displays the details for the selected dataset. It features a star icon and the dataset name. Below the name are two small blue and orange icons. A text block explains that the page lists fields for the selected dataset as recorded by Elasticsearch, noting that changing field types must be done via the Mapping API. A 'Filter' input field is present above a table.

The table has two tabs: 'Fields (21)' (selected) and 'Scripted fields (0)'. The 'Fields (21)' table includes columns for name, alias, type, format, searchable, aggregatable, analyzed, excluded, and controls. Each row represents a field like '\_score', '\_index', '\_type', '\_id', '\_source', etc., with specific values for each column. The 'controls' column contains small edit icons.

## SAN-SAVE\_SEARCH-01

1

The screenshot shows the TCG mcube search interface. The left sidebar includes 'Explore', 'Widget', 'Advanced Analytics', 'Dashboard', 'Excel Upload', 'Help', and 'Administration'. The main area displays a search result for 'admin\_sampledata110...'. The results list four entries, each containing fields like '\_source', 'Entry Date', 'City', 'Manager', and various security-related parameters. The results are paginated with '1' at the top.

```

_source
Entry Date: August 22nd 2020, 05:30:00 City: Kolkata Manager: Rob Sales: 1,200 SAMPLESECURITYDEPARTMENT: Dept #1
SAMPLESECURITYUSER: tcguser BATCHSECURITYDEPARTMENT: Dept #1 BATCHSECURITYUSER: tcguser INSTRUMENTSECURITYDEPARTMENT: Dept #1
INSTRUMENTSECURITYUSER: tcguser REQUESTSECURITYDEPARTMENT: Dept #1 REQUESTSECURITYUSER: tcguser PARAMETERTYPESECURITYDEPARTMENT: Dept #1
PARAMETERTYPESECURITYUSER: tcguser SERVICELEVELSECURITYDEPARTMENT: Dept #1 SERVICELEVELSECURITYUSER: tcguser _id: tc-KoJABPC18FixAuH
44 _type: _doc _index: admin_sampledata11072024121536 _score: 3

Entry Date: March 23rd 2020, 05:30:00 City: Delhi Manager: John Sales: 1,400 SAMPLESECURITYDEPARTMENT: Dept #1
SAMPLESECURITYUSER: tcguser BATCHSECURITYDEPARTMENT: Dept #1 BATCHSECURITYUSER: tcguser INSTRUMENTSECURITYDEPARTMENT: Dept #1
INSTRUMENTSECURITYUSER: tcguser REQUESTSECURITYDEPARTMENT: Dept #1 REQUESTSECURITYUSER: tcguser PARAMETERTYPESECURITYDEPARTMENT: Dept #1
PARAMETERTYPESECURITYUSER: tcguser SERVICELEVELSECURITYDEPARTMENT: Dept #1 SERVICELEVELSECURITYUSER: tcguser _id: t5-KoJABPC18FixAuH
44 _type: _doc _index: admin_sampledata11072024121536 _score: 3

Entry Date: January 13th 2020, 05:30:00 City: Mumbai Manager: Mary Sales: 14,880 SAMPLESECURITYDEPARTMENT: Dept #1
SAMPLESECURITYUSER: tcguser BATCHSECURITYDEPARTMENT: Dept #1 BATCHSECURITYUSER: tcguser INSTRUMENTSECURITYDEPARTMENT: Dept #1
INSTRUMENTSECURITYUSER: tcguser REQUESTSECURITYDEPARTMENT: Dept #1 REQUESTSECURITYUSER: tcguser PARAMETERTYPESECURITYDEPARTMENT: Dept #1
PARAMETERTYPESECURITYUSER: tcguser SERVICELEVELSECURITYDEPARTMENT: Dept #1 SERVICELEVELSECURITYUSER: tcguser _id: ti-KoJABPC18FixAuH
44 _type: _doc _index: admin_sampledata11072024121536 _score: 3

Entry Date: January 14th 2020, 05:30:00 City: Hyderabad Manager: Paul Sales: 12,003 SAMPLESECURITYDEPARTMENT: Dept #1
SAMPLESECURITYUSER: tcguser BATCHSECURITYDEPARTMENT: Dept #1 BATCHSECURITYUSER: tcguser INSTRUMENTSECURITYDEPARTMENT: Dept #1
INSTRUMENTSECURITYUSER: tcguser REQUESTSECURITYDEPARTMENT: Dept #1 REQUESTSECURITYUSER: tcguser PARAMETERTYPESECURITYDEPARTMENT: Dept #1
44 _type: _doc _index: admin_sampledata11072024121536 _score: 3

```

2

The screenshot shows the TCG mcube search interface. The left sidebar includes 'Explore', 'Widget', 'Advanced Analytics', 'Dashboard', 'Excel Upload', 'Help', and 'Administration'. The main area displays a search result for 'supstore'. The results list several entries, each containing fields like '\_source', 'City', 'Lat\_long', 'Manager', and various product-related parameters. The results are paginated with '1' at the top.

```

_source
City: Mechanicsville Lat_long: 27.702871,85.318243999999 Profit: 2,128 Customer ID: 2062 State or Province: Virginia Shipping
Delay: 2 Product Container: Jumbo Drum EOQ: 311 Profit per ID: 0 Order Priority: Medium Product Sub-Category: Office Machines Row
ID: 19955 Order ID: 87153 Product Category: Technology Returned: No Cost per ID: 11,572 Discount: 0 Customer Segment: Corporate
Sales per ID: 11,572 Product Name: Okidata ML591 Wide Format Dot Matrix Printer Ship Date: October 22nd 2011, 05:30:00 Sales Bin: 1
0000-20000 Quantity ordered new: 16 Region: South Order Date: October 20th 2011, 05:30:00 Customer Name: Alfred Singh Net holding

City: North Platte Lat_long: 27.702871,85.318243999999 Profit: 199 Customer ID: 2061 State or Province: Nebraska Shipping
Delay: 7 Product Container: Small Pack EOQ: 47 Profit per ID: 25 Order Priority: Low Product Sub-Category: Office Furnishings Row
ID: 19953 Order ID: 87152 Product Category: Furniture Returned: No Cost per ID: 275 Discount: 0 Customer Segment: Corporate Sales
per ID: 300 Product Name: Executive Impressions 14 Contract Wall Clock with Quartz Movement Ship Date: July 30th 2011, 05:30:00
Sales Bin: less than 10000 Quantity ordered new: 14 Region: Central Order Date: July 23rd 2011, 05:30:00 Customer Name: Marianne Ca

City: North Platte Lat_long: 27.702871,85.318243999999 Profit: -273 Customer ID: 2061 State or Province: Nebraska Shipping
Delay: 2 Product Container: Jumbo Box EOQ: 44 Profit per ID: 11 Order Priority: Medium Product Sub-Category: Bookcases Row ID: 19945
Order ID: 87146 Product Category: Furniture Returned: No Cost per ID: 250 Discount: 0 Customer Segment: Corporate Sales per ID: 261
Product Name: Atlantic Metals Mobile 2-Shelf Bookcases Custom Colors Ship Date: January 31st 2010, 05:30:00 Sales Bin: less than 10
000 Quantity ordered new: 1 Region: Central Order Date: January 29th 2010, 05:30:00 Customer Name: Marianne Carey Net holding cost

City: Bennington Lat_long: 44.8,68.783333333333 Profit: -27 Customer ID: 933 State or Province: Vermont Shipping Delay: 2 Product
Container: Small Pack EOQ: 0 Profit per ID: 0 Order Priority: Not Specified Product Sub-Category: Computer Peripherals Row ID: 1994
0 Order ID: 87141 Product Category: Technoloov Returned: No Cost per ID: 0 Discount: 0 Customer Segment: Small Business Sales per

```

3

The screenshot shows the TCG mcube search interface. The left sidebar includes 'Explore', 'Widget', 'Advanced Analytics', 'Dashboard', 'Excel Upload', 'Help', and 'Administration'. The main area displays a search result for 'supstore'. The results list several entries, each containing fields like '\_source', 'City', 'Lat\_long', 'Manager', and various product-related parameters. The results are paginated with '1' at the top.

```

_source
City: Mechanicsville Lat_long: 27.702871,85.318243999999 Profit: 2,128 Customer ID: 2062 State or Province: Virginia Shipping
Delay: 2 Product Container: Jumbo Drum EOQ: 311 Profit per ID: 0 Order Priority: Medium Product Sub-Category: Office Machines Row
ID: 19955 Order ID: 87153 Product Category: Technology Returned: No Cost per ID: 11,572 Discount: 0 Customer Segment: Corporate
Sales per ID: 11,572 Product Name: Okidata ML591 Wide Format Dot Matrix Printer Ship Date: October 22nd 2011, 05:30:00 Sales Bin: 1
0000-20000 Quantity ordered new: 16 Region: South Order Date: October 20th 2011, 05:30:00 Customer Name: Alfred Singh Net holding

City: North Platte Lat_long: 27.702871,85.318243999999 Profit: 199 Customer ID: 2061 State or Province: Nebraska Shipping
Delay: 7 Product Container: Small Pack EOQ: 47 Profit per ID: 25 Order Priority: Low Product Sub-Category: Office Furnishings Row
ID: 19953 Order ID: 87152 Product Category: Furniture Returned: No Cost per ID: 275 Discount: 0 Customer Segment: Corporate Sales
per ID: 300 Product Name: Executive Impressions 14 Contract Wall Clock with Quartz Movement Ship Date: July 30th 2011, 05:30:00
Sales Bin: less than 10000 Quantity ordered new: 14 Region: Central Order Date: July 23rd 2011, 05:30:00 Customer Name: Marianne Ca

City: North Platte Lat_long: 27.702871,85.318243999999 Profit: -273 Customer ID: 2061 State or Province: Nebraska Shipping
Delay: 2 Product Container: Jumbo Box EOQ: 44 Profit per ID: 11 Order Priority: Medium Product Sub-Category: Bookcases Row ID: 19945
Order ID: 87146 Product Category: Furniture Returned: No Cost per ID: 250 Discount: 0 Customer Segment: Corporate Sales per ID: 261
Product Name: Atlantic Metals Mobile 2-Shelf Bookcases Custom Colors Ship Date: January 31st 2010, 05:30:00 Sales Bin: less than 10
000 Quantity ordered new: 1 Region: Central Order Date: January 29th 2010, 05:30:00 Customer Name: Marianne Carey Net holding cost

City: Bennington Lat_long: 44.8,68.783333333333 Profit: -27 Customer ID: 933 State or Province: Vermont Shipping Delay: 2 Product
Container: Small Pack EOQ: 0 Profit per ID: 0 Order Priority: Not Specified Product Sub-Category: Computer Peripherals Row ID: 1994
0 Order ID: 87141 Product Category: Technoloov Returned: No Cost per ID: 0 Discount: 0 Customer Segment: Small Business Sales per

```

4

5

TCG mcube

New Save Open

Welcome User

**supstore**

**\_source**

Selected Fields

- City: Mechanicsville Lat\_long: 27.702871,85.318243999999 Profit: 2,128 Customer ID: 2062 State or Province: Virginia Shipping Delay: 2 Product Container: Jumbo Drum EQQ: 311 Profit per ID: 0 Order Priority: Medium Product Sub-Category: Office Machines Row ID: 19955 Order ID: 87153 Product Category: Technology Returned: No Cost per ID: 11,572 Discount: 0 Customer Segment: Corporate Sales per ID: 11,572 Product Name: Okidata ML591 Wide Format Dot Matrix Printer Ship Date: October 22nd 2011, 05:30:00 Sales Bin: 1 0000-20000 Quantity ordered new: 16 Region: South Order Date: October 20th 2011, 05:30:00 Customer Name: Alfred Singh Net holding cost
- City: North Platte Lat\_long: 27.702871,85.318243999999 Profit: 199 Customer ID: 2061 State or Province: Nebraska Shipping Delay: 7 Product Container: Small Pack EQQ: 47 Profit per ID: 25 Order Priority: Low Product Sub-Category: Office Furnishings Row ID: 19953 Order ID: 87152 Product Category: Furniture Returned: No Cost per ID: 275 Discount: 0 Customer Segment: Corporate Sales per ID: 300 Product Name: Executive Impressions 14 Contract Wall Clock with Quartz Movement Ship Date: July 30th 2011, 05:30:00 Sales Bin: less than 10000 Quantity ordered new: 14 Region: Central Order Date: July 23rd 2011, 05:30:00 Customer Name: Marianne Carey Net holding cost
- City: North Platte Lat\_long: 27.702871,85.318243999999 Profit: -273 Customer ID: 2061 State or Province: Nebraska Shipping Delay: 2 Product Container: Jumbo Box EQQ: 44 Profit per ID: 11 Order Priority: Medium Product Sub-Category: Bookcases Row ID: 19945 Order ID: 87146 Product Category: Furniture Returned: No Cost per ID: 250 Discount: 0 Customer Segment: Corporate Sales per ID: 261 Product Name: Atlantic Metals Mobile 2-Shelf Bookcases Custom Colors Ship Date: January 31st 2010, 05:30:00 Sales Bin: less than 10000 Quantity ordered new: 1 Region: Central Order Date: January 29th 2010, 05:30:00 Customer Name: Marianne Carey Net holding cost
- City: Bennington Lat\_long: 44.8,68.783333333333 Profit: -27 Customer ID: 933 State or Province: Vermont Shipping Delay: 2 Product Container: Small Pack EQQ: 0 Profit per ID: 0 Order Priority: Not Specified Product Sub-Category: Computer Peripherals Row ID: 19940 Order ID: 87141 Product Category: Technology Returned: No Cost per ID: 0 Discount: 0 Customer Segment: Small Business Sales per

Available Fields

- Popular
- # Discount
- # Holding cost %
- Lat\_long
- t Manager
- # Product Base Margin...
- add**
- # Profit per ID
- # Quantity ordered new...
- t Row ID
- Ship Date
- # Shipping Cost
- t \_id
- t \_index
- # \_score

Collapse

TCG mcube

New Save Open

Welcome User

**supstore**

_id	_index	_score	_type	City	Cost bin	Cost per ID	Customer ID	Customer Name	Customer Segment
cIo1x	supstore	3	_doc	Mechanicsville	10000-20000	11,572	2062	Alfred Singh	Corporate
b4o1x	supstore	3	_doc	North Platte	less than 10000	275	2061	Marianne Carey	Corporate
boolx	supstore	3	_doc	North Platte	less than 10000	250	2061	Marianne Carey	Corporate
bYo1x	supstore	3	_doc	Bennington	less than 10000	0	933	Mark Puckett	Small Business
bIo1x	supstore	3	_doc	Salem	less than 10000	44	927	Alvin Frost	Small Business
a4o1x	supstore	3	_doc	Rancho	less than 10000	49	922	Dolores Abrams	Small Business

Available Fields

- Popular
- # Discount
- # Holding cost %
- Lat\_long
- t Manager
- # Product Base Margin...
- # Profit per ID
- # Quantity ordered new...
- t Row ID
- Ship Date
- # Shipping Cost

Collapse

6

TCG mcube

Explore: Saved Data Source "SaveSearch11-07-2024\_12-16-28"

New Save Open

Welcome User

**supstore**

_id	_index	_score	_type	City	Cost bin	Cost per ID	Customer ID	Customer Name	Customer Segment
cIo1x	supstore	3	_doc	Mechanicsville	10000-20000	11,572	2062	Alfred Singh	Corporate
b4o1x	supstore	3	_doc	North Platte	less than 10000	275	2061	Marianne Carey	Corporate
boolx	supstore	3	_doc	North Platte	less than 10000	250	2061	Marianne Carey	Corporate
bYo1x	supstore	3	_doc	Bennington	less than 10000	0	933	Mark Puckett	Small Business
bIo1x	supstore	3	_doc	Salem	less than 10000	44	927	Alvin Frost	Small Business
a4o1x	supstore	3	_doc	Rancho	less than 10000	49	922	Dolores Abrams	Small Business

Available Fields

- Popular
- # Discount
- # Holding cost %
- Lat\_long
- t Manager
- # Product Base Margin...
- # Profit per ID
- # Quantity ordered new...
- t Row ID
- Ship Date
- # Shipping Cost

Collapse

1

**Create New Widget**

- Comparison**
  - Area
  - Tag Cloud
  - Line
  - Bullet-Linear
  - Funnel
  - Spider
  - Vertical Bar
  - Combo
  - Bubble
- Trend**
  - Line
  - Waterfall
  - Area
  - Combo
  - Vertical Bar
  - Candle
  - Timeline Chart
- Composition**
  - Pie
  - Waterfall
  - Tree Map
  - Mekko
- Tables and Summary**
  - Data Table
  - Pivot Table
  - Tree Table
  - Metric/Gauge
- Geospatial**
  - Maps
  - Cluster
- Special**
  - Candle
  - Text
  - Filter
  - Statistics

**Open a Saved Widget**

Name	Action
<> BPCL_Landing_Page_Widget	person icon
<> Dynamic_Chart_Landing_Page	person icon
<> IOCL_Landing_Page_Widget	person icon
Mcube_Area_Chart98076	person icon
<> Mcube_Combo_Chart54310	person icon

2

**Widget**

From a New Search, Select Dataset

Or, From a Saved Search

3

Widget > Area chart > supstore > New Widget

New Save Open Refresh

Welcome User

Count

supstore

metrics

Y-Axis Count

Add metrics

buckets

Select buckets type

X-Axis

Split Area

Split Chart

Area charts require more than one data point

Cancel

4

5

Widget > Area chart > supstore > New Widget

New Save Open Refresh

Welcome User Count

Explore Widget Advanced Analytics Dashboard Excel Upload Help Administration

supstore Data Options

metrics Y-Axis Count Add metrics

buckets Select buckets type X-Axis Area charts require more than one data point Split Area Split Chart Cancel

Widget > Area chart > supstore > New Widget

New Save Open Refresh

Welcome User Count

Explore Widget Advanced Analytics Dashboard Excel Upload Help Administration

supstore Data Options

metrics Y-Axis Count Add metrics

buckets Select buckets type X-Axis Area charts require more than one data point Split Area Split Chart Cancel

## SAN-AREA-01

1

The screenshot shows the TCG mcube visualization editor interface. The top navigation bar includes 'Widget > Area chart > supstore > New Widget' and standard actions like 'New', 'Save', 'Open', 'Refresh', and a user dropdown. On the left, a sidebar lists 'Explore', 'Widget', 'Advanced Analytics', 'Dashboard', 'Excel Upload', 'Help', and 'Administration'. The main panel is titled 'supstore' and contains sections for 'metrics' and 'buckets'. Under 'metrics', there are two Y-axis options: 'Count' (selected) and 'Sum of Discount'. Under 'buckets', there are three X-axis options: 'X-Axis', 'Split Area', and 'Split Chart'. A note states 'Area charts require more than one data point'. A 'Cancel' button is at the bottom.

2

This screenshot shows the same visualization editor interface as the first one, but with changes in the 'buckets' section. The 'X-Axis' option is selected, and it is configured with 'City: Descending' as a sub-bucket. The 'Split Chart' option is also present. A note 'Area charts require more than one data point' is visible. A 'Cancel' button is at the bottom.

3

This screenshot shows the final configuration of the area chart. The 'buckets' section now includes both 'City: Descending' and 'Discount: Descending' as sub-buckets. The visualization editor title bar indicates 'Visualization Editor: Saved Widget "Mcube\_Area\_Chart82143"'. The main panel displays a horizontal area chart with multiple stacked areas representing different cities. The legend on the right shows 'Count' (blue) and 'Sum of Discount' (green). The x-axis is labeled 'City: Descending' and shows categories for New York City, Seattle, Boston, Chicago, and Los Angeles. The y-axis has numerical scales from 0 to 100. An 'OK' button is visible in the top right corner.

1

2

3

4

5

Widget > Combo Chart > supstore > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Advanced Analytics

Dashboard

Excel Upload

Help

Administration

Collapse

supstore

Data Options

metrics

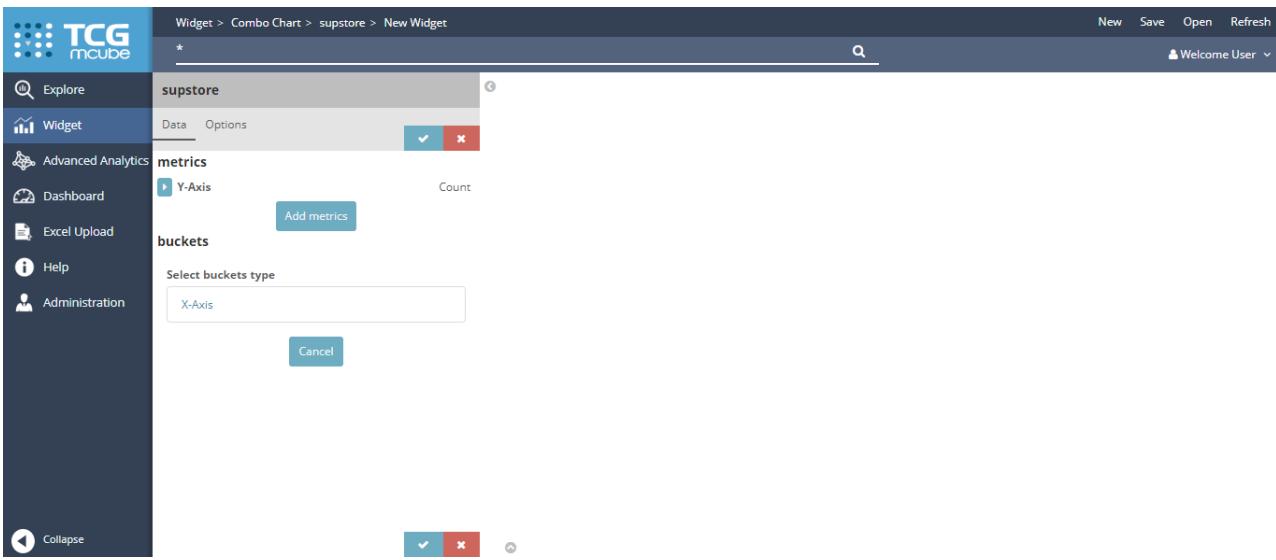
Y-Axis Count

Add metrics

buckets

Select buckets type X-Axis

Cancel



Widget > Combo Chart > supstore > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Advanced Analytics

Dashboard

Excel Upload

Help

Administration

Collapse

supstore

Data Options

metrics

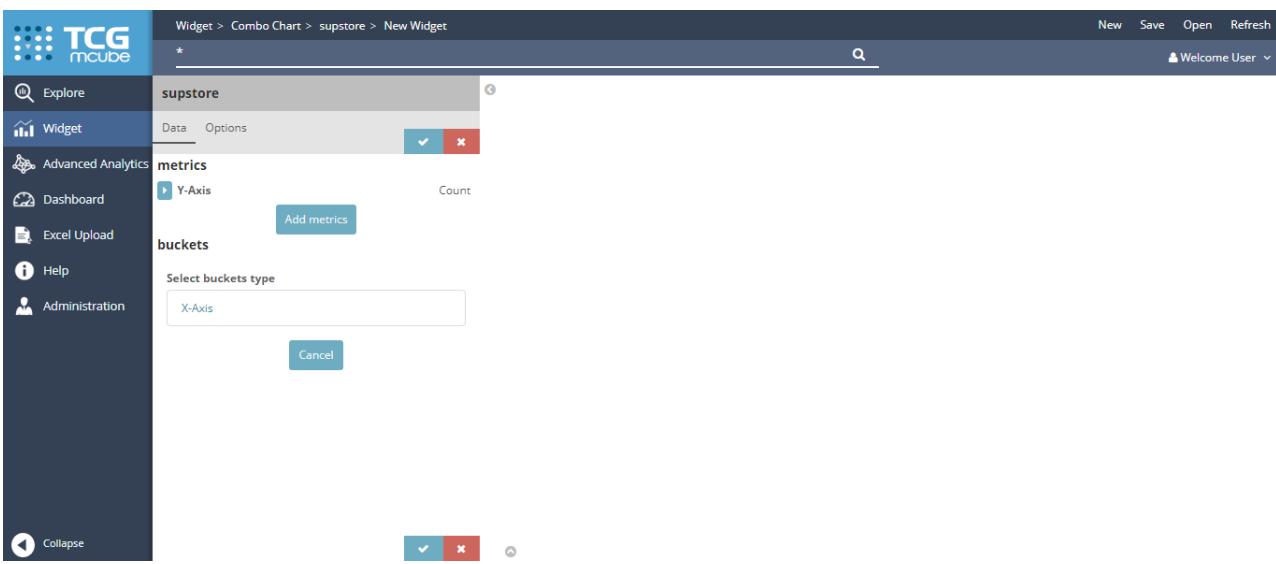
Y-Axis Count

Add metrics

buckets

Select buckets type X-Axis

Cancel



1

Widget > Combo Chart > supstore > New Widget

New Save Open Refresh Welcome User

**supstore**

Data Options

**metrics**

- Y-Axis Count
- Y-Axis Sum of Discount

Add metrics

**buckets**

Select buckets type

X-Axis

Collapse

2

Widget > Combo Chart > supstore > New Widget

New Save Open Refresh Welcome User

**supstore**

Data Options

**metrics**

- Y-Axis Count
- Y-Axis Sum of Discount

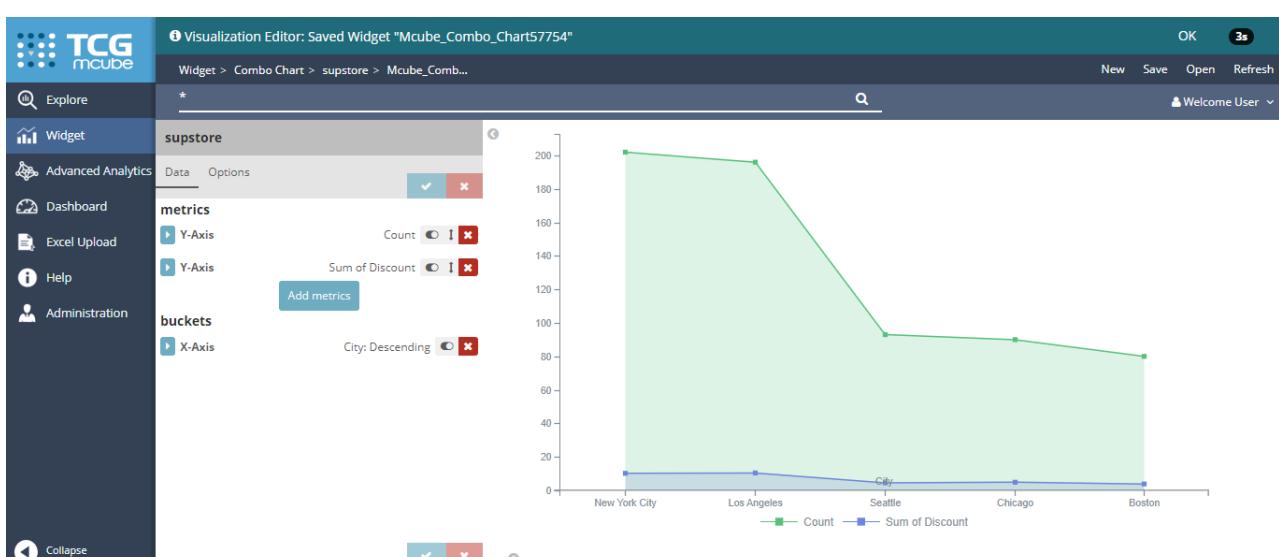
Add metrics

**buckets**

X-Axis City: Descending

Collapse

3



## SAN-TREE TABLE-PRESTEPS-01

1

2

3

4

5

Widget > Tree table > supstore > New Widget

New Save Open Refresh

Welcome User

Count  
9426

Explore

Widget

Advanced Analytics

Dashboard

Excel Upload

Help

Administration

Collapse

supstore

Data Options

metrics

Metric Count

Add metrics

buckets

Select buckets type

Split Rows

Cancel

Widget > Tree table > supstore > New Widget

New Save Open Refresh

Welcome User

Count  
9426

Explore

Widget

Advanced Analytics

Dashboard

Excel Upload

Help

Administration

Collapse

supstore

Data Options

metrics

Metric Count

Add metrics

buckets

Select buckets type

Split Rows

Cancel

## SAN-TREE\_TABLE-01

1

Widget > Tree table > supstore > New Widget

supstore

Data Options

- Metric Max EOQ
- Metric Average \_score
- Metric Sum of Cost per ID
- Metric Median Discount
- Metric Min Cost per ID
- Metric Max Discount
- Metric Standard Deviation of Inventory

Add metrics

buckets

Select buckets type

Split Rows

Total

Count  
9426

2

Widget > Tree table > supstore > New Widget

supstore

Data Options

- Metric Median Discount
- Metric Min Cost per ID
- Metric Max Discount
- Metric Standard Deviation of Inventory
- Metric Statistics of Net holding cost PER ID

Add metrics

buckets

- Split Rows Region: Descending
- Split Rows City: Descending

Select buckets type

Split Rows

Total

Count  
9426

3

Visualization Editor: Saved Widget "Mcube\_Tree\_Table57547"

Widget > Tree table > supstore > Mcube\_Tree\_T...

supstore

Data Options

- Metric Count
- Metric Average Cost per ID
- Metric Sum of Discount
- Metric Median EOQ
- Metric Min Discount
- Metric Max EOQ
- Metric Average \_score
- Metric Sum of Cost per ID
- Metric Median Discount

OK 4s

## SAN-DASHBOARD-01

1

New Dashboard

Search...

Time Range

From: July 11th 2009, 12:20:43      To: Now

15 Years ago      Go

Quick  
Relative  
Absolute

Click the **Add** button in the menu bar above to add a widget to the dashboard.  
If you haven't setup a widget yet visit the "Widget" tab to create your first widget.

TCG mcube

Explore  
Widget  
Advanced Analytics  
Dashboard  
Excel Upload  
Help  
Administration

Collapse

Filters  
Logic Builder

2

New Dashboard

Search...

Mcube\_Area\_Chart82143

This container is too small to render the visualization

Count  
Sum of Discount

Mcube\_Combo\_Chart57754

Count  
Sum of Discount

Mcube\_Tree\_Table57547

TCG mcube

Explore  
Widget  
Advanced Analytics  
Dashboard  
Excel Upload  
Help  
Administration

Collapse

Filters  
Logic Builder

3

Dashboard: Saved Dashboard as "Mcube\_Dashboard4946"

OK 8s

Mcube\_Dashboard4946

Search...

Mcube\_Area\_Chart82143

This container is too small to render the visualization

Count  
Sum of Discount

Mcube\_Combo\_Chart57754

Count  
Sum of Discount

Mcube\_Tree\_Table57547

TCG mcube

Explore  
Widget  
Advanced Analytics  
Dashboard  
Excel Upload  
Help  
Administration

Collapse

Filters  
Logic Builder

1

2

3

SAN-WORKBENCH\_PRESTEPS-01