



## Sanity Report for core 4.5.4.0

URL: <https://mcubeinga454.tcgdigital.com/nxtgen>

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| 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.          | FAIL   |
| 13      | SAN-DASHBOARD-01           | Dashboard.           | Dashboard completed successfully.           | FAIL   |
| 14      | SAN-SAVED_OBJECT-01        | Saved object.        | Saved object completed successfully.        | PASS   |
| 15      | SAN-WORKBENCH_PRESTEPS-01  | Workbench Presteps.  | Workbench Presteps completed successfully.  | PASS   |
| 16      | SAN-ROLE-01                | Role creation.       | Role creation completed successfully.       | PASS   |
| 17      | SAN-USER-01                | User creation.       | User creation completed successfully.       | PASS   |
| 18      | SAN-WORKSPACE-01           | Workspace Creation.  | Workspace creation completed successfully.  | PASS   |

## Screenshots

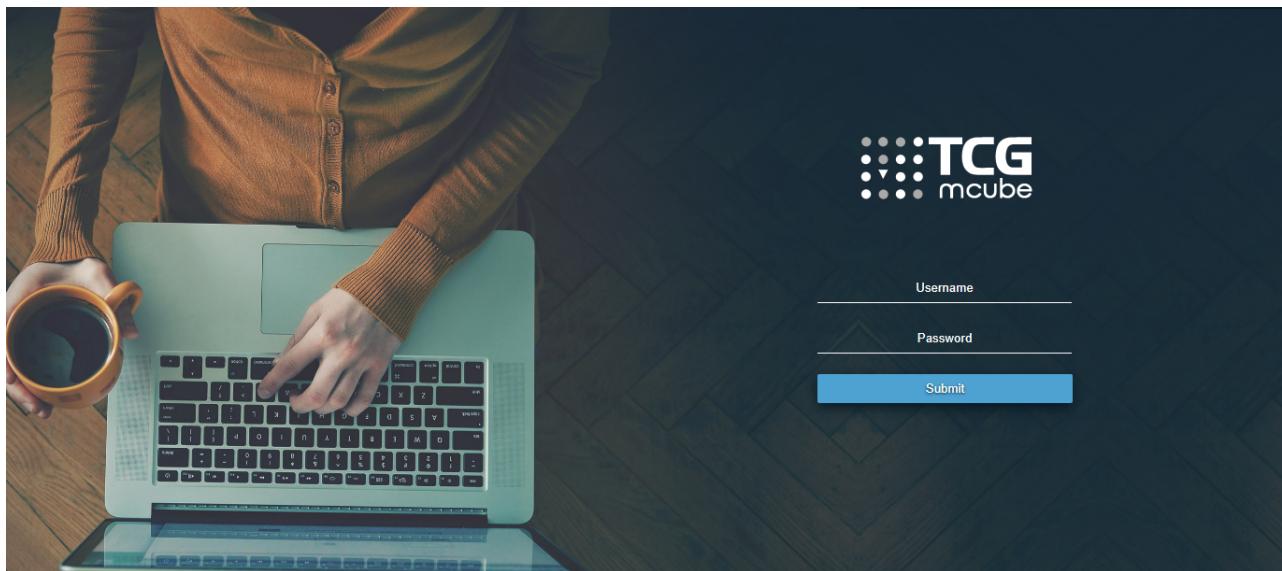
SAN-URL-01

1

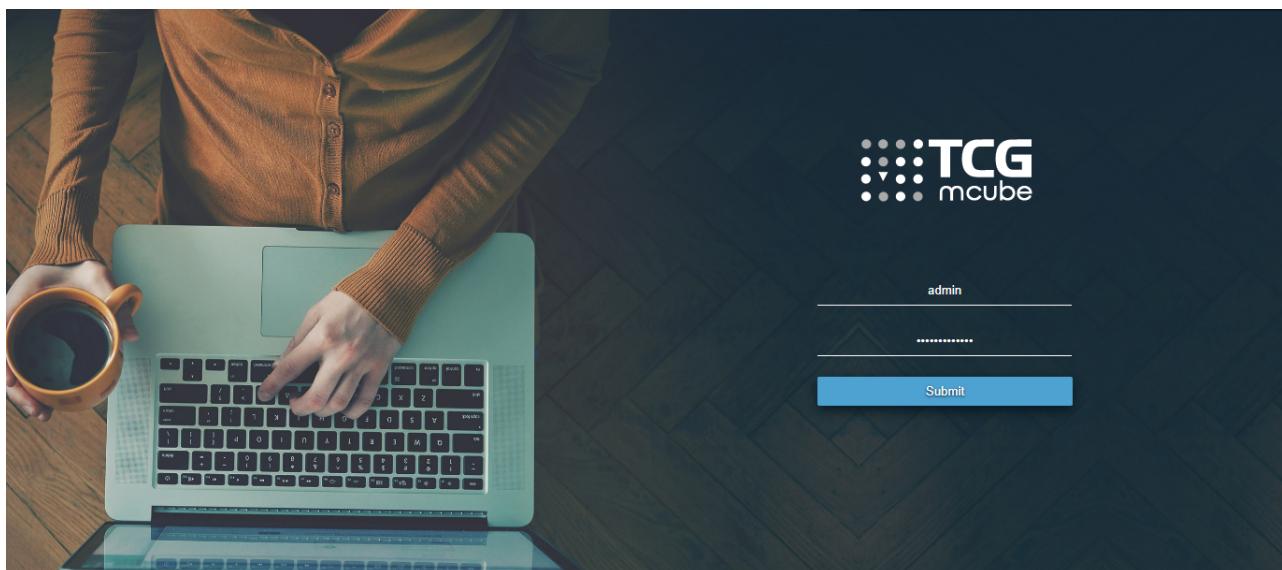


SAN-LOGIN-01

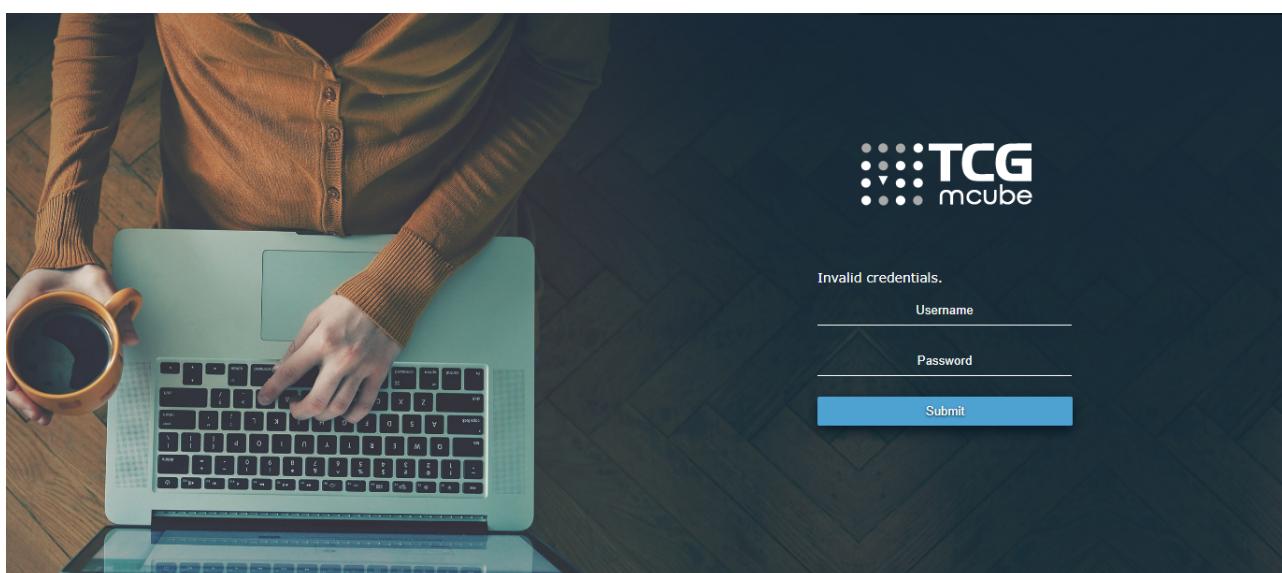
1



2

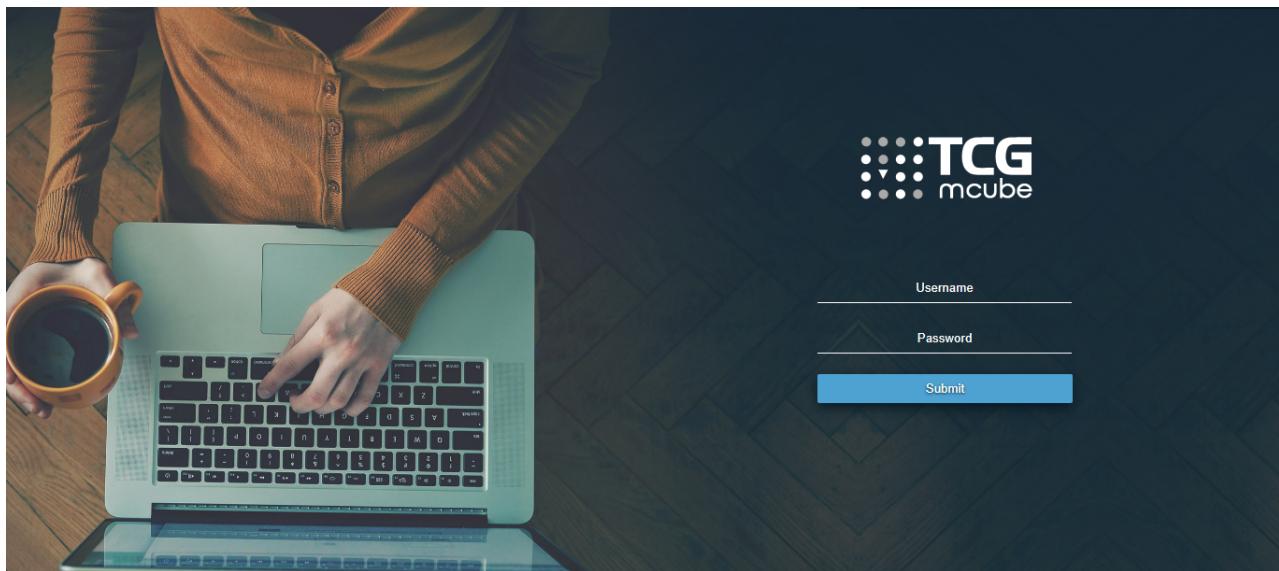


3

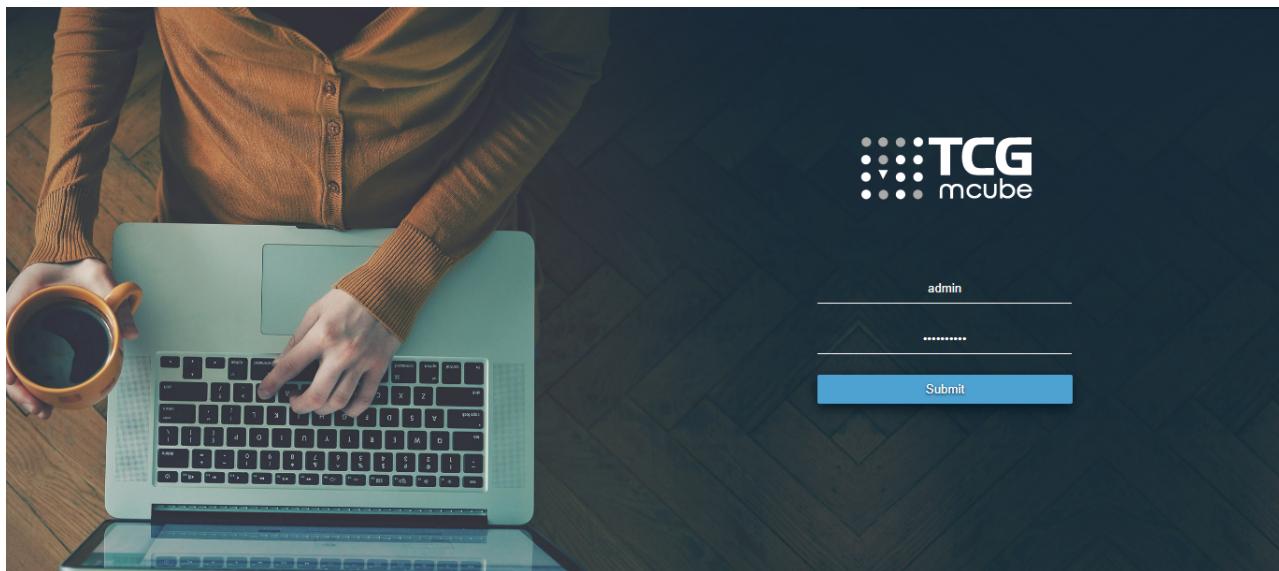


SAN-LISTIN-02

1



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The screenshot shows a dashboard titled 'js\_dashboard'. The left sidebar contains a navigation menu with the following items: Explore, Widget, Analytics, Advanced Analytics, **Dashboard**, Report, Excel Upload, Help, Administration, and a 'Collapse' button. The main content area displays two widgets: 'js\_combo\_widget' and 'js\_piechart\_widget\_profit'. Each widget has a red exclamation mark icon and a message stating 'Access not available for the underlying field(s) of this widget'. On the right side of the dashboard, there are buttons for 'Filters' and 'Logic Builder'.

## VERSION CHECK

1

The screenshot shows the tcg mcube application interface. On the left is a dark sidebar with various navigation options: Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help (which is selected), and Administration. Below the sidebar is a 'Collapse' button. The main content area has a header 'About Us' and a sub-header 'tcg mcube'. A detailed description 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.

## DATA UPLOAD

1

The screenshot shows the 'Preview Data' page of the TCG mcube Data Upload interface. The left sidebar contains navigation links for Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, and Administration. The main content area has a heading 'Preview Data' and instructions: 'Upload and preview your CSV file' (Maximum File Size: 5MB), '(Ensure that first row is column header for desired results)', and a 'Browse' button.

2

This screenshot is identical to the one above, showing the 'Preview Data' page with the same layout and instructions for uploading a CSV file.

3

This screenshot shows the 'Preview Data' page after a CSV file has been uploaded. The main content area displays a table titled 'Showing 1 to 10 of 41 entries'. The table has columns: Entry Date, City, Manager, Sales, SAMPLESECURITYDEPARTMENT, SAMPLESECURITYUSER, BATCHSECURITYDEPARTMENT, and BATCHSECURITYUSER. The data rows are:

| Entry Date | City      | Manager | Sales | SAMPLESECURITYDEPARTMENT | SAMPLESECURITYUSER | BATCHSECURITYDEPARTMENT | BATCHSECURITYUSER |
|------------|-----------|---------|-------|--------------------------|--------------------|-------------------------|-------------------|
| 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 | Pune      | Rob     | 1234  | Dept #1                  | analyst            | Dept #1                 | analyst           |

Below the table, there is a 'Show 10 entries' dropdown, and at the bottom, the instruction '(Ensure that first row is column header for desired results)'.

4

5



Configure Datasets Saved Objects NLP Data Upload Manage Maps Data Profile Advanced Settings

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

## Verify Mapping

Target Dataset [?](#)

admin\_  [Create Dataset](#)

| Column name              | Column type | Date format | Example column data |   |
|--------------------------|-------------|-------------|---------------------|---|
| Entry Date               | date        | DD-MM-YYYY  | 22-08-2020          | ✓ |
| City                     | text        |             | Kolkata             | ✓ |
| Manager                  | text        |             | Rob                 | ✓ |
| Sales                    | number      |             | 1200                | ✓ |
| SAMPLESECURITYDEPARTMENT | text        |             | Dept #1             | ✓ |
| SAMPLESECURITYUSER       | text        |             | tcguser             | ✓ |
| BATCHSECURITYDEPARTMENT  | text        |             | Dept #1             | ✓ |
| PATCHSECURITYUSER        | text        |             | tcguser             | ✓ |

Index contains time-based events

The screenshot shows the TCG mcube interface with the 'Data Upload' tab selected. A modal window titled 'tcg mcube' displays the message: 'Data has been uploaded successfully. 'Add Dataset' will make it visible to the current workspace'. It contains two buttons: 'Stay Here' (blue) and 'Add Dataset' (red). The background shows a table with columns 'Column name' and 'Example column data', listing entries like 'Entry Date' (22-08-2020), 'City' (Kolkata), 'Manager' (Rob), 'Sales' (1200), etc.

6

The screenshot shows the TCG mcube interface with the following details:

- Header:** TCG mcube, Configure Datasets, Saved Objects, NLP, Data Upload, Manage Maps, Data Profile, Advanced Settings, Welcome User.
- Left Sidebar:** Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, Administration, Collapse.
- Current Page:** Configure Datasets for dataset `admin_sampleddata06032024122920`.
- Dataset Summary:** Contains a star icon, the dataset name, and two small icons (blue star and orange square).
- Description:** A text block explaining that the page lists fields and their core types from Elasticsearch's index pattern.
- Filter:** A search bar labeled "Filter".
- Fields Table:** A table showing 21 fields with columns for name, alias, type, format, searchable, aggregatable, analyzed, excluded, and controls.

| name               | alias | type    | format | searchable | aggregatable | analyzed | excluded | controls |
|--------------------|-------|---------|--------|------------|--------------|----------|----------|----------|
| _score             |       | number  |        |            |              |          |          |          |
| _index             |       | string  |        | ✓          | ✓            |          |          |          |
| _type              |       | string  |        | ✓          | ✓            |          |          |          |
| _id                |       | string  |        | ✓          | ✓            |          |          |          |
| _source            |       | _source |        |            |              |          |          |          |
| PARAMETERTYPESECUR |       | text    |        | ✓          | ✓            |          |          |          |

## SAN-SAVE\_SEARCH-01

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TCG mcube

New Save Open

Welcome User

**Explore**

Selected Fields

Available Fields

Popular

- # \_id
- # \_type
- # City
- # Customer ID
- # Customer Name...
- # Customer Segment...
- # Discount
- Order Date
- # Order Priority
- # Product Base Margin...
- # \_index
- # \_score
- # Product Category...
- # Product Container...

\_source

|  |
|--|
| City: Los Angeles Product Category: Technology Discount: 0 Product Base Margin: 0.74 Region: West State or Province: California Customer ID: 3,075 Order Date: 19-11-2013 Shipping Cost: 2 Product Container: Small Pack Customer Segment: Corporate Customer Name: Gordon Brandt Order Priority: Low Product Name: Imation 3.5 IBM Formatted Diskettes, 10/Box Ship Mode: Regular Air Row ID: 5,233 Product Sub-Category: Computer Peripherals Unit Price: 8 _id: _tbGjoABBibZ0gnf2Orp _type: _doc _index: admin_supstore_data _score: 3  |
| City: Los Angeles Product Category: Office Supplies Discount: 0 Product Base Margin: 0.59 Region: West State or Province: California Customer ID: 3,075 Order Date: 19-11-2013 Shipping Cost: 4 Product Container: Small Box Customer Segment: Corporate Customer Name: Gordon Brandt Order Priority: Low Product Name: Tripp Lite Isotel 8 Ultra 8 Outlet Metal Surge Ship Mode: Regular Air Row ID: 5,232 Product Sub-Category: Appliances Unit Price: 71 _id: _9bGjoABBibZ0gnf2Orp _type: _doc _index: admin_supstore_data _score: 3  |
| City: Washington Product Category: Furniture Discount: 0 Product Base Margin: 0.68 Region: East State or Province: District of Columbia Customer ID: 1,193 Order Date: 12-01-2012 Shipping Cost: 69 Product Container: Large Box Customer Segment: Consumer Customer Name: Louis Parrish Order Priority: Not Specified Product Name: Lesro Sheffield Collection Coffee Table, End Table, Center Table, Corner Table Ship Mode: Regular Air Row ID: 5,396 Product Sub-Category: Tables Unit Price: 71 _id: ANbGjoABBibZ0gnf2Orp _type: _doc _index: admin_supstore_data _score: 3 |
| City: Miami Product Category: Technology Discount: 0 Product Base Margin: 0.79 Region: South State or Province: Florida Customer ID: 342 Order Date: 28-10-2014 Shipping Cost: 4 Product Container: Small Box Customer Segment: Corporate Customer Name: Jacqueline Noble Order Priority: Low Product Name: Adesso Programmable 142-Key Keyboard Ship Mode: Regular Air Row ID: 5,477 Product Sub-Category: Computer Peripherals Unit Price: 119 _id: _cGj0ABBibZ0gnf2Orp _type: _doc _index: admin_supstore_data _score: 3  |

TCG mcube

New Save Open

Welcome User

**Explore**

Selected Fields

Available Fields

Popular

- # \_id
- # \_type
- # City
- # Customer ID
- # Customer Name...
- # Customer Segment...
- # Discount
- Order Date
- # Order Priority
- # Product Base Margin...
- # Region
- # Row ID
- # Ship Mode
- # Shipping Cost

\_index \_score Product Category Product Container Product Name Product Sub-Category

|  |
|--|
| admin_supstore_data 3 Technology Small Pack Imation 3.5 IBM Formatted Diskettes, 10/Box Computer Peripherals                       |
| admin_supstore_data 3 Office Supplies Small Box Tripp Lite Isotel 8 Ultra 8 Outlet Metal Surge Appliances                          |
| admin_supstore_data 3 Furniture Large Box Lesro Sheffield Collection Coffee Table, End Table, Center Table, Corner Table Tables    |
| admin_supstore_data 3 Technology Small Box Adesso Programmable 142-Key Keyboard Computer Peripherals                               |
| admin_supstore_data 3 Technology Small Box T193 Telephones and Communication   |
| admin_supstore_data 3 Furniture Jumbo Drum Situations Contoured Folding Chairs, 4/Set Chairs & Chairmats                           |
| admin_supstore_data 3 Technology Small Box Micro Innovations Micro Digital Wireless Keyboard and Mouse, Gray Computer Peripherals  |
| admin_supstore_data 3 Office Supplies Wrap Bag Avery Hi-Liter Comfort Grip Fluorescent Highlighter, Yellow Ink Pens & Art Supplies |

6

TCG mcube

Explore: Saved Data Source "SaveSearch06-03-2024\_12-30-12"

New Save Open

Welcome User

**Explore**

Selected Fields

Available Fields

Popular

- # \_id
- # \_type
- # City
- # Customer ID
- # Customer Name...
- # Customer Segment...
- # Discount
- Order Date
- # Order Priority
- # Product Base Margin...
- # Region
- # Row ID
- # Ship Mode

\_index \_score Product Category Product Container Product Name Product Sub-Category

|  |
|--|
| admin_supstore_data 3 Technology Small Pack Imation 3.5 IBM Formatted Diskettes, 10/Box Computer Peripherals                       |
| admin_supstore_data 3 Office Supplies Small Box Tripp Lite Isotel 8 Ultra 8 Outlet Metal Surge Appliances                          |
| admin_supstore_data 3 Furniture Large Box Lesro Sheffield Collection Coffee Table, End Table, Center Table, Corner Table Tables    |
| admin_supstore_data 3 Technology Small Box Adesso Programmable 142-Key Keyboard Computer Peripherals                               |
| admin_supstore_data 3 Technology Small Box T193 Telephones and Communication   |
| admin_supstore_data 3 Furniture Jumbo Drum Situations Contoured Folding Chairs, 4/Set Chairs & Chairmats                           |
| admin_supstore_data 3 Technology Small Box Micro Innovations Micro Digital Wireless Keyboard and Mouse, Gray Computer Peripherals  |
| admin_supstore_data 3 Office Supplies Wrap Bag Avery Hi-Liter Comfort Grip Fluorescent Highlighter, Yellow Ink Pens & Art Supplies |

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Widget > Area chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User Count

Explore Widget Analytics Advanced Analytics Dashboard Report Excel Upload Help Administration

admin\_supstore\_data

Data Options

metrics Y-Axis Count Add metrics

buckets

Select buckets type

- X-Axis
- Split Area
- Split Chart

Area charts require more than one data point

Collapse

Cancel

This screenshot shows the configuration of a new area chart widget titled 'admin\_supstore\_data'. The 'metrics' section is set to 'Y-Axis' with 'Count' as the metric. The 'buckets' section is open, showing options for 'Select buckets type': 'X-Axis', 'Split Area', and 'Split Chart'. A note at the bottom states 'Area charts require more than one data point'. The left sidebar includes links for Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, and Administration.

Widget > Area chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User Count

Explore Widget Analytics Advanced Analytics Dashboard Report Excel Upload Help Administration

admin\_supstore\_data

Data Options

metrics Y-Axis Count Add metrics

buckets

Select buckets type

- X-Axis
- Split Area
- Split Chart

Area charts require more than one data point

Collapse

Cancel

This screenshot is identical to the one above, showing the configuration of a new area chart widget titled 'admin\_supstore\_data'. The 'metrics' section is set to 'Y-Axis' with 'Count' as the metric. The 'buckets' section is open, showing options for 'Select buckets type': 'X-Axis', 'Split Area', and 'Split Chart'. A note at the bottom states 'Area charts require more than one data point'. The left sidebar includes links for Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, and Administration.

6

Widget > Area chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User Count

Explore Widget Analytics Advanced Analytics Dashboard Report Excel Upload Help Administration

admin\_supstore\_data

Data Options

metrics Y-Axis Count Add metrics

buckets

Select buckets type

- X-Axis
- Split Area
- Split Chart

Area charts require more than one data point

Collapse

Cancel

This screenshot is identical to the ones above, showing the configuration of a new area chart widget titled 'admin\_supstore\_data'. The 'metrics' section is set to 'Y-Axis' with 'Count' as the metric. The 'buckets' section is open, showing options for 'Select buckets type': 'X-Axis', 'Split Area', and 'Split Chart'. A note at the bottom states 'Area charts require more than one data point'. The left sidebar includes links for Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, and Administration.

## SAN-AREA-01

1

The screenshot shows the TCG mcube visualization editor interface. On the left is a dark sidebar with navigation links: Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, Administration, and Collapse. The main panel title is "Widget > Area chart > admin\_supsto... > New Widget". The configuration area includes:

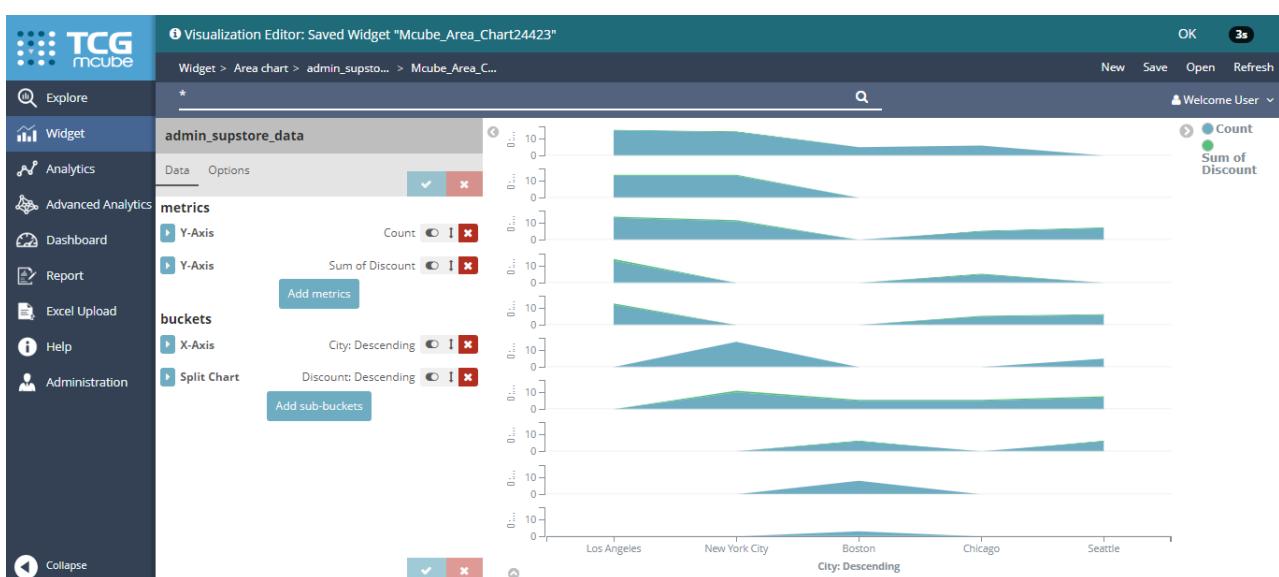
- Metrics:** Y-Axis Count (selected), Y-Axis Sum of Discount.
- Buckets:** X-Axis (selected), Split Area, Split Chart.
- A message at the bottom right says: "Area charts require more than one data point".
- Buttons at the bottom include "Cancel", "Add metrics", and "Add sub-buckets".

2

This screenshot shows the same visualization editor interface as the first one, but with different bucket configurations:

- Metrics:** Y-Axis Count (selected), Y-Axis Sum of Discount.
- Buckets:** X-Axis "City: Descending" (selected), Split Chart.
- A message at the bottom right says: "Area charts require more than one data point".
- Buttons at the bottom include "Add metrics" and "Add sub-buckets".

3



## SAN-COMBO-PRESTEPS-01

1

The screenshot shows the TCG mcube interface with the 'Widget' tab selected in the sidebar. The main area displays a grid of chart types under various categories: Comparison, Trend, Composition, Tables and Summary, and Relationships. Each category contains several icons representing different chart types like Area, Line, Funnel, Spider, etc.

2

The screenshot shows the TCG mcube interface with the 'Widget' tab selected. The main area is titled 'From a New Search, Select Dataset' and shows a search bar with 'admin\_supstore\_data' and a result count of '1 of 104'. Below the search bar is a table with a single row for 'admin\_supstore\_data'. To the right, there is a section titled 'Or, From a Saved Search' with a search bar for 'Saved Searches Filter...' and a table of saved searches including 'ASaveSearch\_28', 'Ad\_Save', 'City wise Sales Profit and Discount', 'DM\_data', and 'Das\_ss'. A navigation bar at the bottom shows pages 1 through 132.

3

The screenshot shows the TCG mcube interface with the 'Widget' tab selected. The main area is titled 'Widget > Combo Chart > admin\_supsto... > New Widget'. It shows a configuration panel for a 'admin\_supstore\_data' dataset. Under 'metrics', 'Count' is selected for the Y-axis. Under 'buckets', 'Select buckets type' is set to 'X-Axis'. There are 'Add metrics' and 'Cancel' buttons at the bottom. The sidebar on the left is identical to the previous screenshots.

4

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Widget > Combo Chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

admin\_supstore\_data

Data Options

metrics

Y-Axis Count

Add metrics

buckets

Select buckets type X-Axis

Cancel

Widget > Combo Chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

admin\_supstore\_data

Data Options

metrics

Y-Axis Count

Add metrics

buckets

Select buckets type X-Axis

Cancel

6

Widget > Combo Chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

admin\_supstore\_data

Data Options

metrics

Y-Axis Count

Add metrics

buckets

Select buckets type X-Axis

Cancel

SAN-COMBO-01

1

Widget > Combo Chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

admin\_supstore\_data

Data Options

metrics

Y-Axis Count (radio button selected)

Y-Axis Sum of Discount (radio button selected)

Add metrics

buckets

Select buckets type

X-Axis

Cancel

▼ X

Widget > Combo Chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

admin\_supstore\_data

Data Options

metrics

Y-Axis Count (radio button selected)

Y-Axis Sum of Discount (radio button selected)

Add metrics

buckets

X-Axis City: Descending (radio button selected)

Cancel

▼ X

2

Widget > Combo Chart > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Explore

Widget

Analytics

Advanced Analytics

Dashboard

Report

Excel Upload

Help

Administration

Collapse

admin\_supstore\_data

Data Options

metrics

Y-Axis Count (radio button selected)

Y-Axis Sum of Discount (radio button selected)

Add metrics

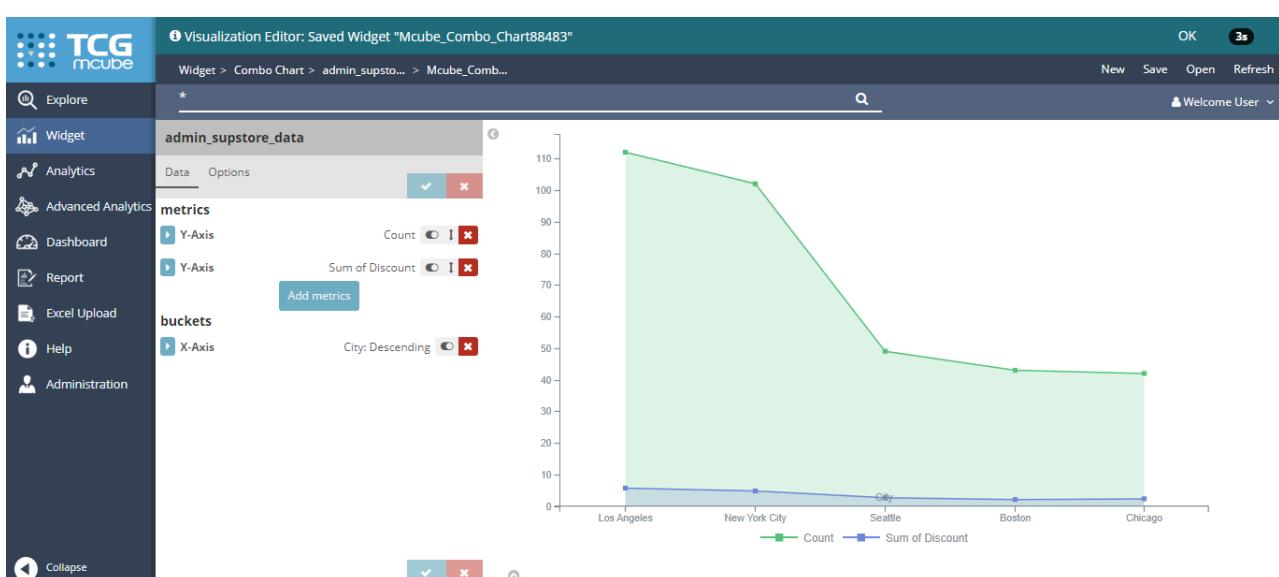
buckets

X-Axis City: Descending (radio button selected)

Cancel

▼ X

3



## SAN-TREE TABLE-PRESTEPS-01

1

2

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Widget > Tree table > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Count  
5000

Explore Widget Analytics Advanced Analytics Dashboard Report Excel Upload Help Administration

admin\_supstore\_data Data Options Total Count

metrics Metric Add metrics

buckets Select buckets type Split Rows Cancel

Collapse

Widget > Tree table > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Count  
5000

Explore Widget Analytics Advanced Analytics Dashboard Report Excel Upload Help Administration

admin\_supstore\_data Data Options Total Count

metrics Metric Add metrics

buckets Select buckets type Split Rows Cancel

Collapse

6

Widget > Tree table > admin\_supsto... > New Widget

New Save Open Refresh

Welcome User

Count  
5000

Explore Widget Analytics Advanced Analytics Dashboard Report Excel Upload Help Administration

admin\_supstore\_data Data Options Total Count

metrics Metric Add metrics

buckets Select buckets type Split Rows Cancel

Collapse

## SAN-TREE\_TABLE-01

1

The screenshot shows the TCG mcube interface with a sidebar on the left containing navigation links: Explore, Widget, Analytics, Advanced Analytics, Dashboard, Report, Excel Upload, Help, Administration, and a Collapse button. The main area is titled "Widget > Tree table > admin\_supsto... > New Widget". A search bar at the top right shows "Total" and "Count 5000". The central panel displays a configuration for a "Metric" type aggregation named "admin\_supstore\_data". It lists seven metrics with their corresponding aggregation types: Max Shipping Cost (avg), Average \_score (avg), Sum of Customer ID (sum), Median Discount (median), Min Discount (min), Max Row ID (max), and Standard Deviation of Unit Price (stdDev). Below these, there is an "Aggregation" dropdown set to "Statistics" and a "Field" dropdown which is currently empty. At the bottom of the configuration panel are "Save", "Open", and "Refresh" buttons.

## SAN-DASHBOARD-01

1

The screenshot shows the 'New Dashboard' interface. On the left is a sidebar with various navigation options: Explore, Widget, Analytics, Advanced Analytics, Dashboard (selected), Report, Excel Upload, Help, Administration, and Collapse. The main area is titled 'Time Range' with a sub-section for 'Relative'. It shows 'From: 06-03-2009' and 'To: Now'. A dropdown menu indicates '15 Years ago' and has a 'Go' button. Below this is a note: '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.' On the right side, there are 'Filters' and 'Logic Builder' buttons.

2

The screenshot shows the 'New Dashboard' interface with the 'Add' button selected in the top menu. A modal dialog titled 'Add Panels' is open, showing the 'Widget' tab selected. It displays a search bar with 'Mcube\_Area\_Chart24423' and a 'Saved Search' link. Below is a 'Name' input field containing 'Mcube\_Area\_Chart24423'. On the right, there is a '1 Widgets' count and a gear icon. The sidebar on the left remains the same as in the previous screenshot.

1

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Workbench

Welcome User 

User List     

| No. | Username            | Full Name      | Email Id                      | Mode  | Type        | Edit  |
|-----|---------------------|----------------|-------------------------------|---|-------------|---|
| 1   | MCUBEEQBOM          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |  | Normal User |  |
| 2   | test0403            | test           | aafin.parween@tcgdigital.com  |  | Normal User |  |
| 3   | TestAdmin           | TestAdmin      | banamali.das@tcgdigital.com   |  | Admin       |  |
| 4   | js_testuser         | Jayisha Saha   | jayisha.saha@tcgdigital.com   |  | Admin       |  |
| 5   | MCUBEZOCPK          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |  | Normal User |  |
| 6   | MCUBEZGOLQ          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |  | Normal User |  |
| 7   | MCUBEMFRFU          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |  | Normal User |  |
| 8   | ag_new_user         | Altamash Ghaus | altamash.ghaus@tcgdigital.com |  | Admin       |  |
| 9   | Swas                | Swas           | abc@gmail.com                 |  | Admin       |  |
| 10  | s-mCube             | test user26    | NA                            |  | Normal User |  |
| 11  | User_22112023       | fullname       | abc@gmail.com                 |  | Admin       |  |
| 12  | Jayisha             | Jayisha Saha   | jayisha.saha@tcgdigital.com   |  | Admin       |  |
| 13  | User_10112023124301 | fullname       | abc123@gmail.com              |  | Normal User |  |

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## SAN-ROLE-01

1

The screenshot shows the Workbench interface with the title "Workbench" at the top right. On the left, a sidebar menu includes sections for Development, Management (with Roles, Users, Workspace, Accounts, Schedulers, Usage Reports, Reports Bursting, OR Bursting, Add On Services), Supervision, and a Download User Manual link. Under Management, the "Roles" section is expanded, showing a list of roles: Power User, Editor, Viewer, Mcube\_Role06062023191728, Mcube\_Role08062023123208, Role\_06122023172937, Role\_06122023173018, Role\_06122023182358, Role\_06122023182448, Role\_06122023184325, Role\_06122023184405, Role\_06122023193456, Role\_06122023193536, Role\_06122023202819, Role\_06122023202858, ROLE27, and Role\_BD\_27.

The main area displays a "Role List" table with columns for "View inactive Roles" and "Power User". The "Power User" row is selected. To the right is a configuration grid titled "Workbench" with rows for "Modules" (Explore, Widget, Dashboard, Analytics, Advanced Analytics, Administration, Report, EzeXtend, Excel Upload) and columns for "View" and "Interact". The "View" column contains icons for list, grid, and search. The "Interact" column contains icons for add, edit, and delete. Most cells in the grid contain green checkmarks, except for some red X's in the "View" column for certain modules like Analytics and Advanced Analytics.

2

This screenshot is similar to the first one, but it includes a modal dialog box in the center. The dialog has a title "Workbench" and a message "Role Created." with an "OK" button. The rest of the interface is identical to the first screenshot, showing the sidebar and the configuration grid.

3

This screenshot shows the Workbench interface after the role creation. The sidebar and the main configuration grid are identical to the previous screenshots. The "Role List" table now includes the newly created role "ROLE27" under the "Power User" section.

4

**Workbench**

Welcome User

**Role List**

View inactive Roles

- Mcube\_Role03012024162649
- Mcube\_Role03012024173640
- Mcube\_Role04012024154311
- Mcube\_Role09012024114413
- testing
- Mcube\_Role31012024112246
- Mcube\_Role31012024123028
- Mcube\_Role31012024125838
- Test\_role
- tt
- test
- test2702
- test123
- Mcube\_Role29022024143528
- Mcube\_Role01032024125906
- Mcube\_Role06032024122313
- Mcube\_Role06032024123627**

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| Modules            | View                                |                                     |                                     | Interact                            |                                     |                                     |
|--------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                    | <input type="checkbox"/>            |
| Explore            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Widget             | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Dashboard          | <input checked="" type="checkbox"/> |
| Analytics          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Advanced Analytics | <input type="checkbox"/>            |
| Administration     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Report             | <input type="checkbox"/>            |
| EzeXtend           | <input type="checkbox"/>            |
| Excel Upload       | <input type="checkbox"/>            |

SAN-USER-01

1

**Workbench**

Welcome User

**User List**

Search User

| No. | Username            | Full Name      | Email Id                      |
|-----|---------------------|----------------|-------------------------------|
| 1   | MCUBEEQBOM          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |
| 2   | test0403            | test           | aafrin.parween@tcgdigital.com |
| 3   | TestAdmin           | TestAdmin      | banamali.das@tcgdigital.com   |
| 4   | js_testuser         | Jayisha Saha   | jayisha.saha@tcgdigital.com   |
| 5   | MCUBEZOPK           | Altamash Ghaus | altamash.ghaus@tcgdigital.com |
| 6   | MCUBEZGOLQ          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |
| 7   | MCUBEMFRFU          | Altamash Ghaus | altamash.ghaus@tcgdigital.com |
| 8   | ag_new_user         | Altamash Ghaus | altamash.ghaus@tcgdigital.com |
| 9   | Swas                | Swas           | abc@gmail.com                 |
| 10  | s-mCube             | test user26    | NA                            |
| 11  | User_22112023       | fullname       | abc@gmail.com                 |
| 12  | Jayisha             | Jayisha Saha   | jayisha.saha@tcgdigital.com   |
| 13  | User_10112023124301 | fullname       | abc123@gmail.com              |

New User

MCBELAFA

Altamash Ghaus

altamash.ghaus@tcgdigital.com

Send email to user

8697095670

.....

.....

Make Admin

--Select Workspace--  --Select Role--

Submit

2

**Workbench**

Welcome User

**User List**

Search User

Deactivate

View Inactive Users

Add User

| No. | Username      | Full Name      | Email Id                      | Mode                     | Type        | Edit                     |
|-----|---------------|----------------|-------------------------------|--------------------------|-------------|--------------------------|
| 1   | MCBELAFA      | Altamash Ghaus | altamash.ghaus@tcgdigital.com | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 2   | MCUBEQBOM     | Altamash Ghaus | altamash.ghaus@tcgdigital.com | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 3   | test0403      | test           | aafrin.parween@tcgdigital.com | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 4   | TestAdmin     | TestAdmin      | banamali.das@tcgdigital.com   | <input type="checkbox"/> | Admin       | <input type="checkbox"/> |
| 5   | js_testuser   | Jayisha Saha   | jayisha.saha@tcgdigital.com   | <input type="checkbox"/> | Admin       | <input type="checkbox"/> |
| 6   | MCUBEZOPK     | Altamash Ghaus | altamash.ghaus@tcgdigital.com | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 7   | MCUBEZGOLQ    | Altamash Ghaus | altamash.ghaus@tcgdigital.com | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 8   | MCUBEMFRFU    | Altamash Ghaus | altamash.ghaus@tcgdigital.com | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 9   | ag_new_user   | Altamash Ghaus | altamash.ghaus@tcgdigital.com | <input type="checkbox"/> | Admin       | <input type="checkbox"/> |
| 10  | Swas          | Swas           | abc@gmail.com                 | <input type="checkbox"/> | Admin       | <input type="checkbox"/> |
| 11  | s-mCube       | test user26    | NA                            | <input type="checkbox"/> | Normal User | <input type="checkbox"/> |
| 12  | User_22112023 | fullname       | abc@gmail.com                 | <input type="checkbox"/> | Admin       | <input type="checkbox"/> |
| 13  | Jayisha       | Jayisha Saha   | jayisha.saha@tcgdigital.com   | <input type="checkbox"/> | Admin       | <input type="checkbox"/> |

SAN-WORKSPACE-01