

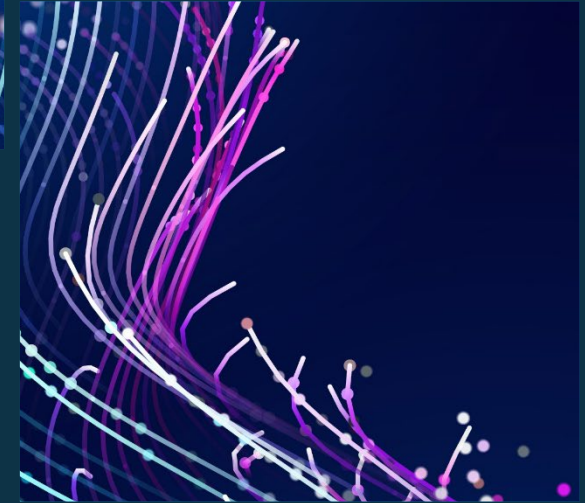


# Data Central Visualizations

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June 05, 2025

Thank you for joining. We will be starting shortly.



# Agenda

1

Introduction to  
Data Central  
Visualizations

2

Creating Charts:

- Combo
- Scatter / Bubble
- Timelines

3

Interacting with  
Charts

4

Questions





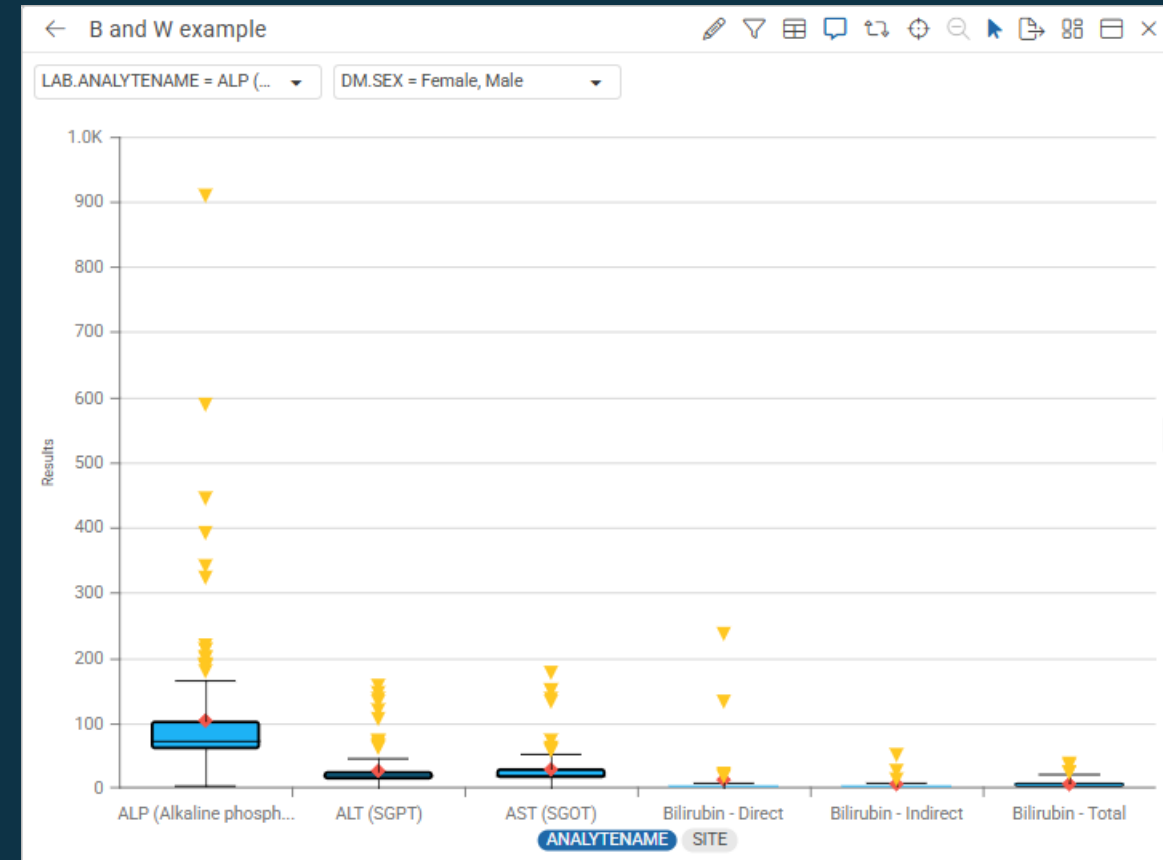
# Introduction to Data Central Visualizations



# Data Central Visualizations

Data Central Visualizations provide you with the ability to create different types of charts to enhance your data review experience:

- Data available within Data Central are available for visualization creation
- All Data Central users can create and save visualizations:
  - Data Central privilege = save as Private
  - Data Central Designer privilege = save as Public
- Charts are interactive; clicking on a chart filters results in other open panels



# Types of Charts Available

- Combo (Bar / Line) ★
- Pie Chart
- Scatter / Bubble ★
- Box and Whisker
- Timeline ★
- Custom Listing
- Pivot Table
- Treemap
- Histogram

## Help Center

The screenshot shows the Illuminate Help Center interface. At the top, there is a search bar and navigation links for 'Latest Version 24.2', 'Conversations', 'Learning Portal', 'Submit Service Request', and 'Sign in'. Below the navigation, there are filters for 'Browse by Category', 'Browse by Platform', and 'Browse by Persona'. The main content area features a sidebar on the left with a list of articles under the 'Data Central Visualizations' section. The selected article, 'Create and Manage Combo Charts in Visualizations', is displayed in the center. It includes a version number '24.2', a 'Follow' button, and a lock icon indicating that only users with 'Data Central Designer' privileges can save public visualizations. The article text explains that a Combo chart combines bars and lines, and provides a step-by-step guide starting with navigating to the Visualizations section.

**illuminate Help Center**  Latest Version 24.2 Conversations Learning Portal Submit Service Request Sign in

[Home](#) Browse by Category Browse by Platform Browse by Persona

**Data Central Visualizations**

- Use Visualizations in Data Central
- Create and Manage Box and Whisker Charts in Visualizations
- Create and Manage Combo Charts in Visualizations**
- Create and Manage Custom Listings in Visualizations
- Create and Manage Histogram Charts in Visualizations
- Create and Manage Pie Charts in Visualizations
- Create and Manage Pivot Tables in Visualizations
- Create and Manage TreeMap Charts in Visualizations
- Create and Manage Timeline Charts in Visualizations
- Create and Manage Scatter / Bubble Charts in Visualizations

### Create and Manage Combo Charts in Visualizations

Updated 2 months ago

24.2 Follow

Any Data Central user can create, save, and edit a visualization, but the user must have the **Data Central Designer** privilege to save a visualization as public or edit public visualizations.

A **Combo** chart is a visualization that combines bars and lines into a single view. A **Bar** chart employs rectangular bars to represent data values, making it ideal for comparing categories. In contrast, a **Line** chart connects points in a continuous flow, making it especially useful for illustrating trends or patterns within the data.

By combining these two chart types, the combo chart emphasizes various aspects of the same dataset that may be difficult to see through a single format alone. Data Central's method employs both bars and lines side by side, providing clear comparisons of individual data points while highlighting overall patterns or trends.

#### Create a Combo Chart

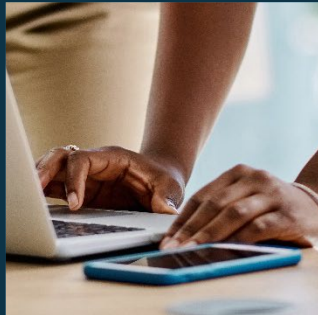
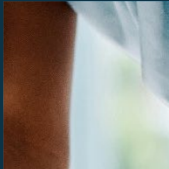
1. Start from the left navigation, locate the **Visualizations** section, and click the '+' New Visualization icon.

**Table of Contents**

- Create a Combo Chart**
- Customize Dimensions
- Dynamic Dimensions
- Add a Filter to a Dimension
- Dynamic Filters
- Customize Measures
- Chart Filter Section
- Reorder / Remove Fields
- Add A Chart Description
- Export / Import Chart Configuration
- Toolbar Actions
- Advanced Chart Settings
- Save / Save As

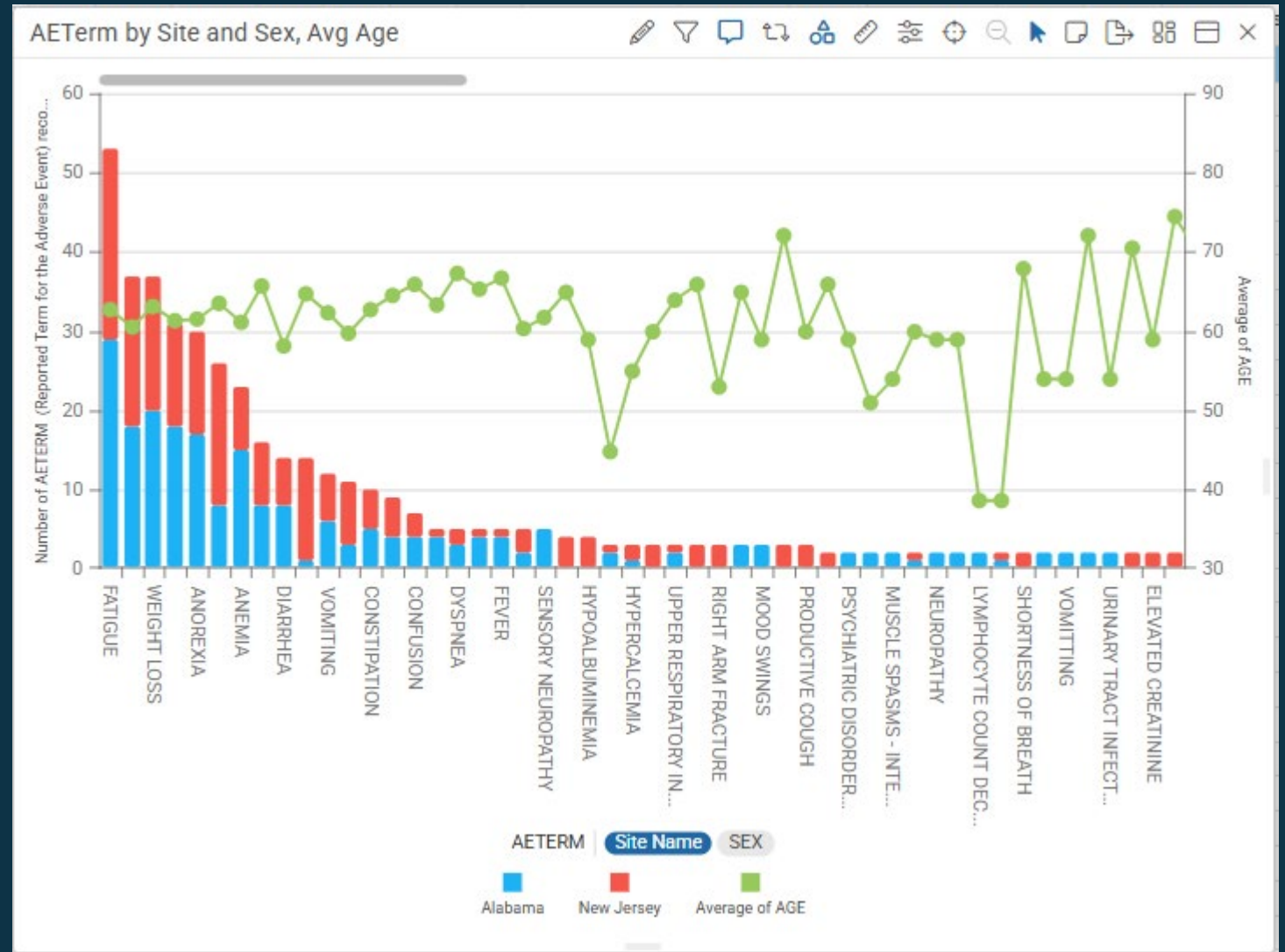


# Create Visualizations



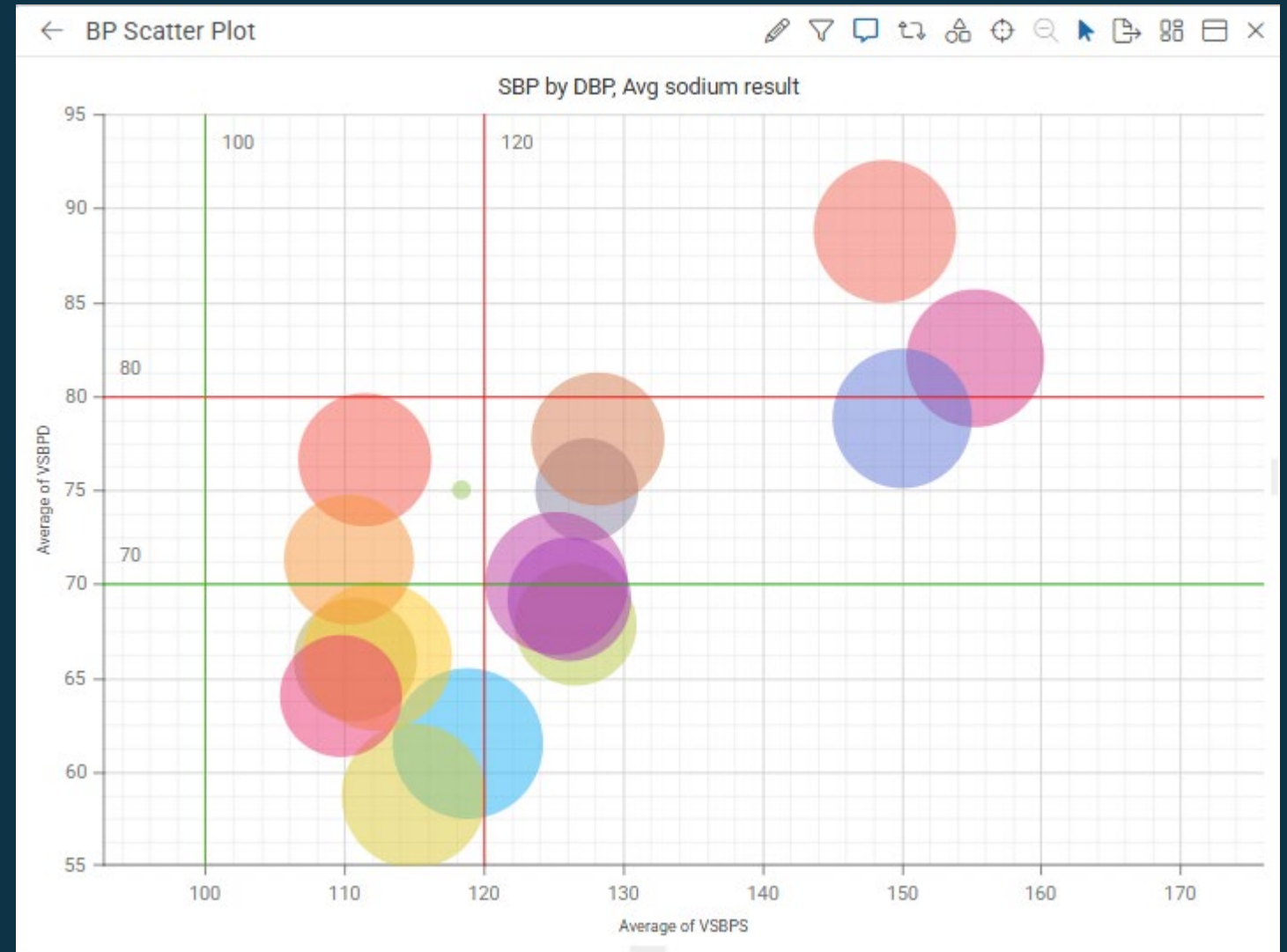
# Combo Chart

- Combo Chart looking at AE Term by Site and Sex of patient
- Secondary axis to show average age of patient
- Sort Results
- Rename the axis names
- Add a note to the chart



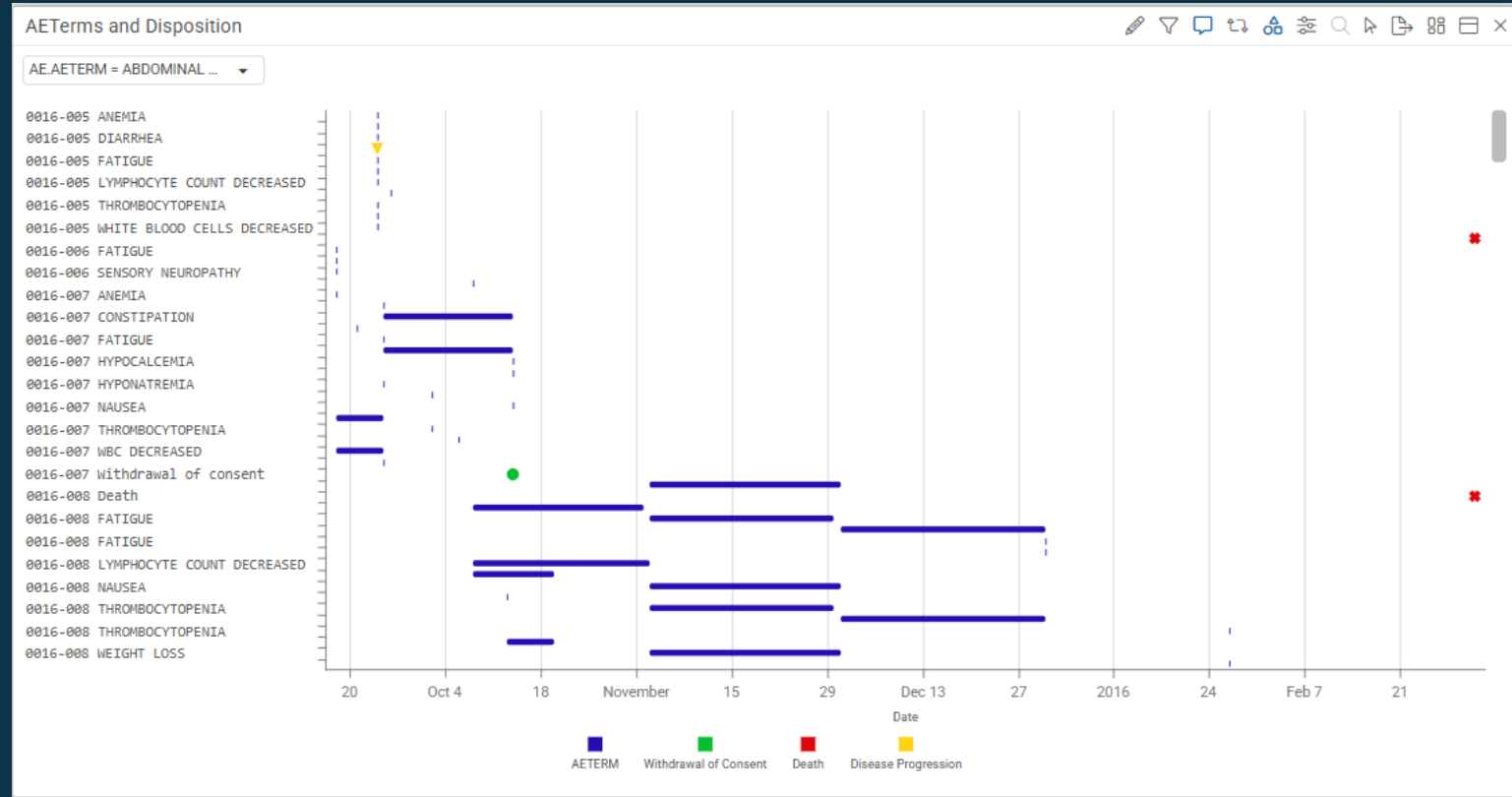
# Scatter / Bubble Chart

- Scatter Chart looking at average Diastolic and Systolic Blood Pressure
- Adding in high and low reference lines
- Adjust the colors of the reference lines
- Adjust to Bubble Chart by adding in average Glucose result

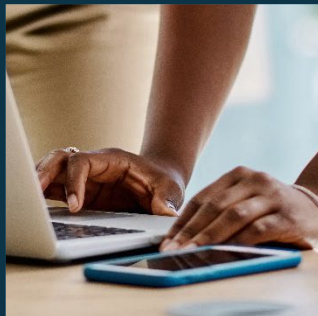
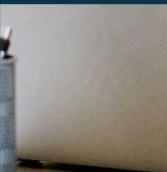


# Timeline Chart

- Timeline chart of all AEs by AETerm
- Add Disposition Code for Withdrawal of Consent, Disease Progression, and Death
- Color-code and change names of the Dispositions
- Add ability to filter the AETerms



# Interacting with Visualizations



# Interacting with Visualizations

**Data Central** | eCS-ONCODEMO | Data Central | 2 | Workspace Default

0009-879

**Subjects** 1

Clean Status	Subject	Site	Site name	Sex	Age	Count of Missing Pages
0	0021-024	0009	New Jersey	Female	53	100

**Clinical: VS** 5

Site name	Folder name	Was Vital Signs Assessment Per...	Was Vital Signs Assessment Per...	D
New Jersey	C1D1	Yes	Y	6
New Jersey	C1D15	Yes	Y	6
New Jersey	C1D8	Yes	Y	6
New Jersey	Screening	Yes	Y	6
New Jersey	End of Treatment	Yes	Y	6

**Visualizations**

- Subjects
- Custom
  - BP Scatter Plot

**BP Scatter Plot**

SBP by DBP, Avg Glucose result

Average of VSBPS (X)	Average of VSBPD (Y)
100	65
105	60
110	65
115	65
120	65
125	65
130	65
135	75
140	75
145	85
150	75
155	75
170	100



# Interacting with Visualizations

- Click on a part of the chart to filter results in other open listings
- Can now click on more than one part of the chart for a multi-filter
- Click in the white space of a chart to remove filters
- Click and drag over a part of the chart to zoom in



Let's jump in...





**Thank you**

