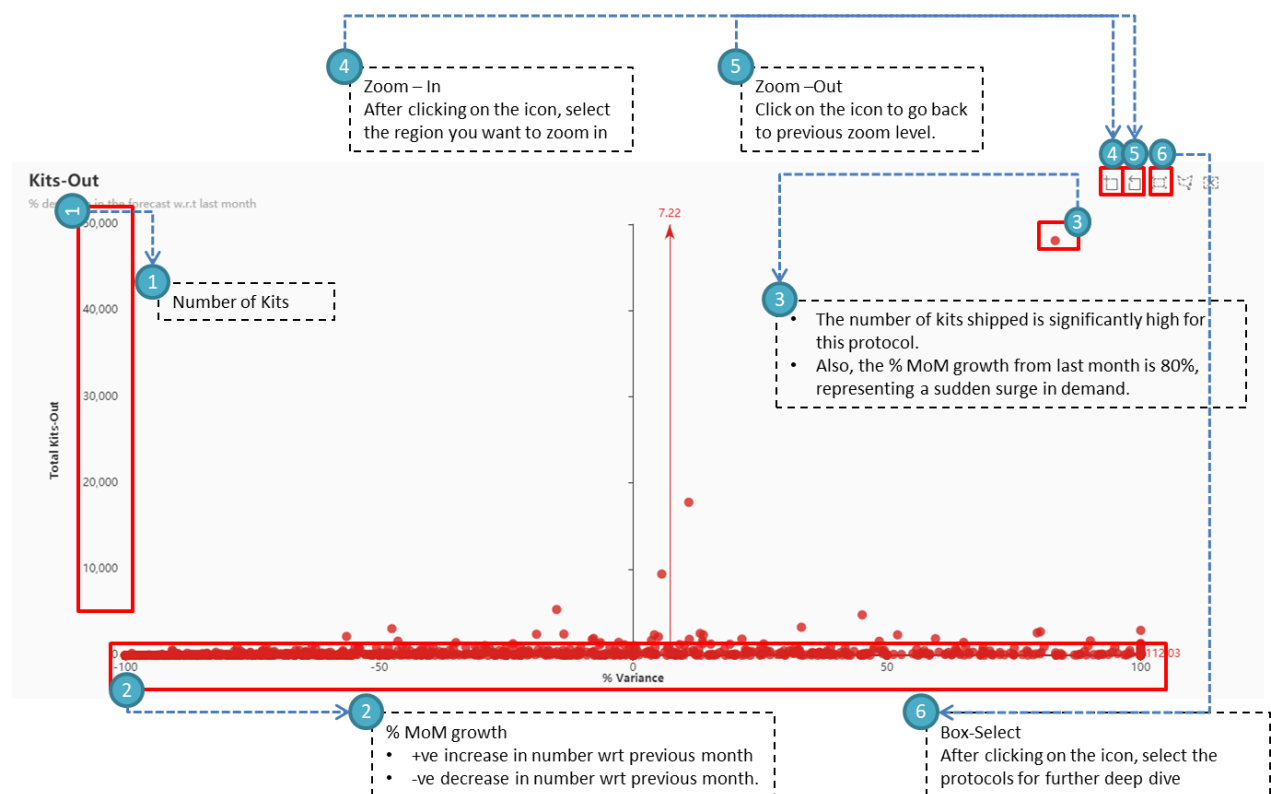# Scatter Plot

Objective:

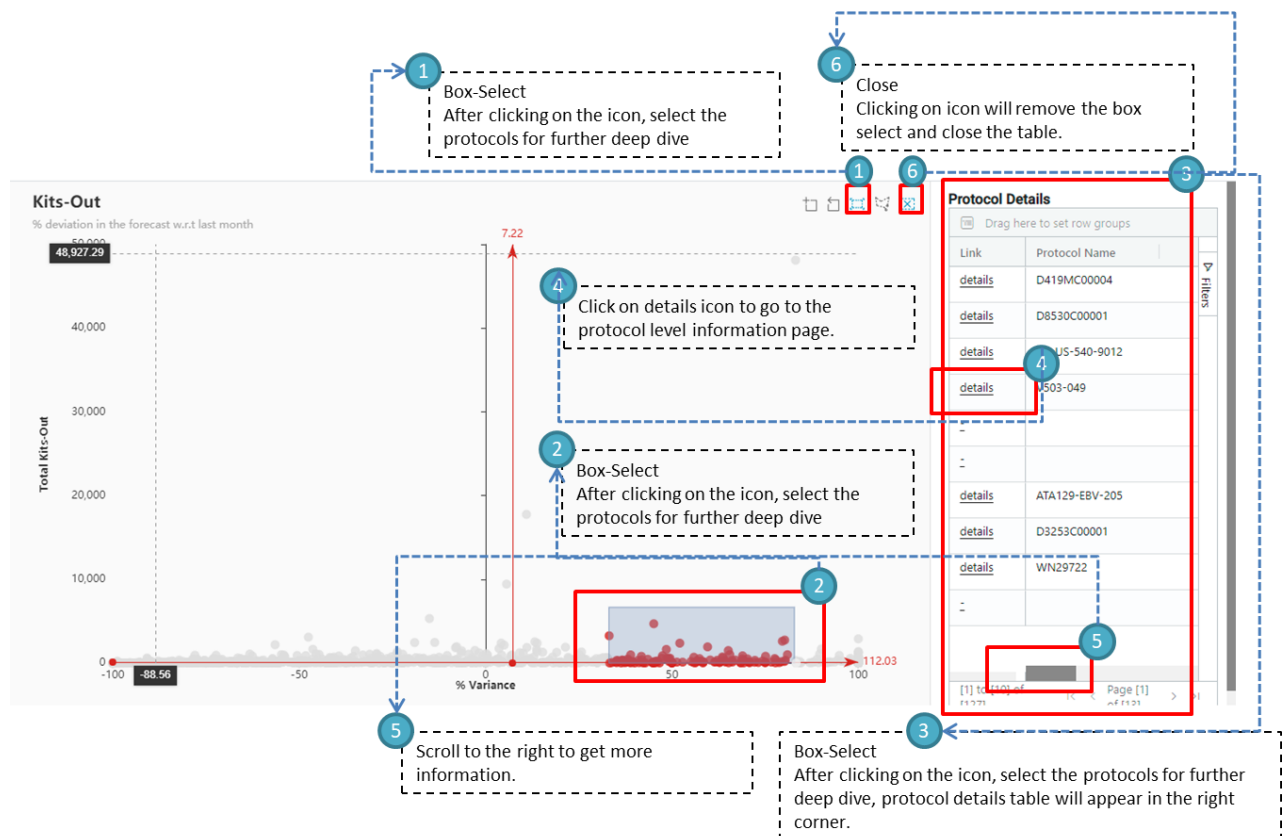To identify the major drivers of demand or outliers based on the % MoM growth and the total number of kits received or shipped for that protocol.

Navigation:

- The scatter plot provides the following information:

- For protocols lying in clustered areas (Near x-axis) user can zoom in and zoom out. Select zoom in icon as shown in figure (4) above and select the region you want to zoom in.
- Clicking on reset zoom will automatically reset the zoom to last zoom level.
- User can also box select a particular protocol or protocols for further deep dive. Select the set of the protocols after clicking on box select icon. A grid will appear having the details as well as a link to get to the protocol level information.
- Click on the cross icon to close the table.

Interpretation:

This graph provides the following information:

- Each dot represents a protocol in the plot. The scatter plot is showing the data for the selected month from overview grid.
- The horizontal axis (X-axis) shows the increase or decrease in demand wrt to the previous month as % Variance.
- **% Variance:**
  - % Variance is the rate of increase or decrease in numbers with respect to the previous month.
  - The % deviation is displayed on hovering over countries in the tooltip.
  - For the current month, the % deviation is calculated as the increase or decrease in the demand from previous month actuals.
    - For Mar-2021, % deviation is calculated considering Feb-2021 actuals as the base.
    - For April-2021, % deviation is calculated considering Mar-2021 forecast as a base.
- The vertical axis (Y-axis) shows the actual demand for that protocol.
- The red arrow line shows the overall average at portfolio level.
- The scatter plot can be used to identify the significant outliers or drivers of the demand.
- More towards the upper end of the graph suggests higher demand.
- Extreme left or right suggests sudden surge or decrease in demand.