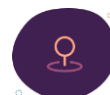# Garvis Product Release: September 2021

## What's new?

- **Garvis Advanced Forecasting Engine is now live!**
    - Garvis can now link sales patterns to events & promotions in the past and, and use a future looking event calendar to create more intelligent forecasts for the future.
    - Garvis can also model past and future Covid lockdowns to create a picture of possible Covid related scenarios in the future and what it could mean for your business.
- **Garvis** enables you to visually analyze sales and forecast data on the Workbench screen, while simultaneously letting you dive into the numbers.
    - A more intuitive layout and filter options mean that you can hone in on your precise view of the data.
    - An updated graph lets you understand the components of your demand better - toggle between the Seasonality, Promotion and Event components against the forecast, all in one space.
    - A compact workbench table lets you see varied components at different aggregate levels and for multiple time frames.
- Garvis engine can now capture a point or range of points outside the normal threshold as **Exceptions** in your data. You can
    - resolve exceptions ( either partially or completely) at both family or single child exception level.
    - assign an event (Inventory clearance, Promos, Price Change etc.) to an exception.
    - step through exceptions or navigate exceptions at different hierarchies.
- Garvis now enables you to make bulk **Adjustments** . You can
    - make multiple adjustments at one go and see the updated graph instantly.
    - view the initial and overridden Sales & Forecast values for an easy comparison.
    - assign an event to an adjustment.
- Garvis now gives you the means to upload your **Event** calendar directly through the app. You can
    - see the graphical representation of events and impact of events on past and future.
    - slice-n-dice event impact across hierarchy.

- o view the duration of the impact for each event grouped by category or as an individual event.
- Garvis now empowers you by giving you **transparency** around the AI Engine through
  - o displaying engine capabilities
  - o hierarchies (view pattern recognition config, forecasting config)
  - o components and effects of events, promotions and other demand components

## What's next?

Keep an eye out for the following with our next release

- Performance Dashboard to track metrics.
- Ability to Event data to Exceptions and Adjustments to enable better forecasts.
- And a more interactive Event Library