

# RLM LEARNING VISUALIZER

Version 0.1

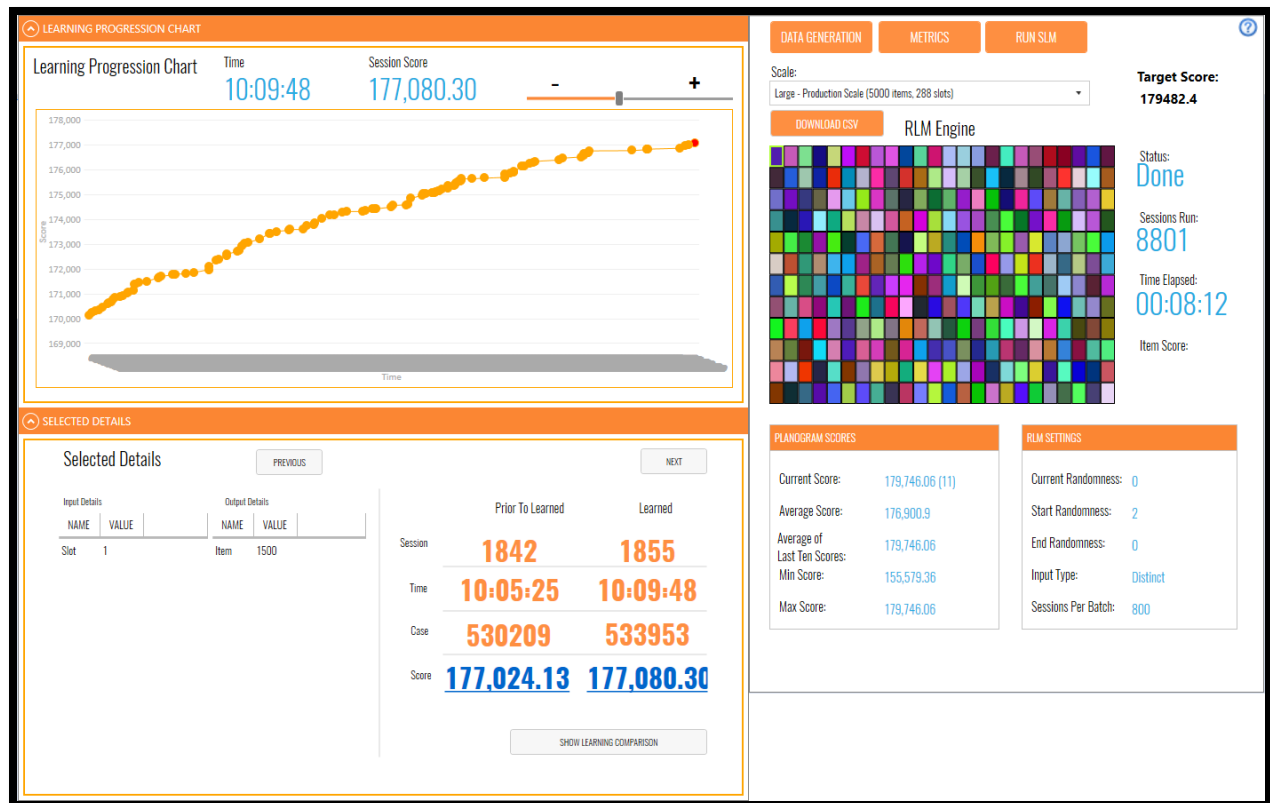


# RLM Learning Visualizer (RLV) Ver 0.1

The goal of the RLV is to provide an illustration of the learning progression of the Ryskamp Learning Machine (RLM). We record learning events to properly display the development of the scores from the early sessions to the last.

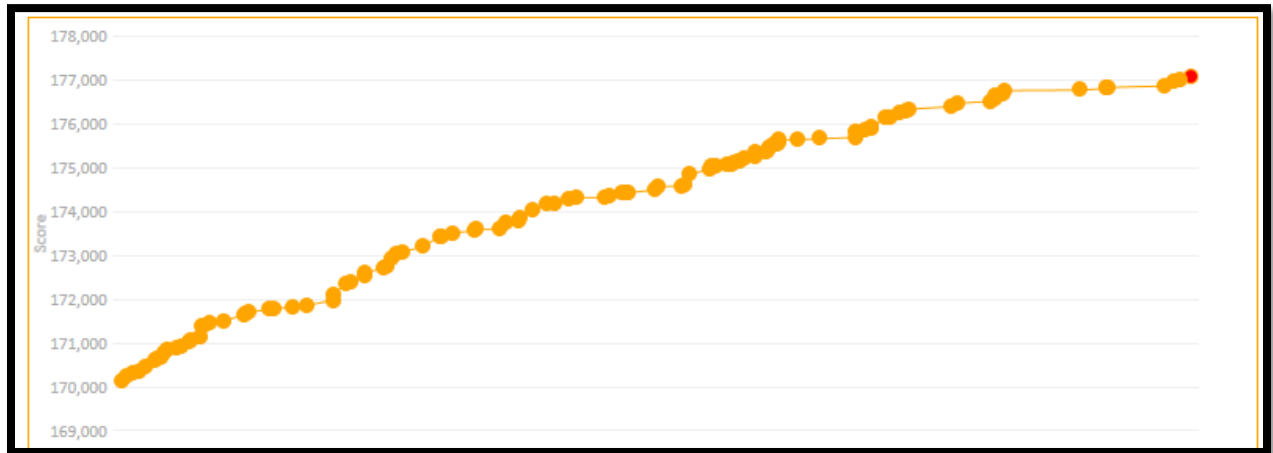
Once you have finished optimizing your application, just click on an item. This should highlight that item and display it's learning progression.

Below you will see the Learning Progression on the Left Side of the Application.



## Learning Progression Chart

At the upper left of the Visualizer, the Learning Progression Chart has interactable points that represent learning events. Clicking on a point will highlight the items changed on the Visualizer and shows the previous and current scores on the Details Panel. As you can see on the illustration below, it automatically highlights the latest learning event of your highlighted item.



## Zoom

You can change the scale of which you view the graph using the provided zoom feature. What this actually does is show you the percentage of the top scoring learning events, giving you a summarized display of the chart.



## Selected Details Panel

The Selected Details Panel show both the Input and Output Details of the selected learning point in the Learning Progression Chart. It will also show the details: Session, Time, Case and Score of the learning point.

SELECTED DETAILS

PREVIOUS

NEXT

Input Details

NAME	VALUE
Slot	1

Output Details

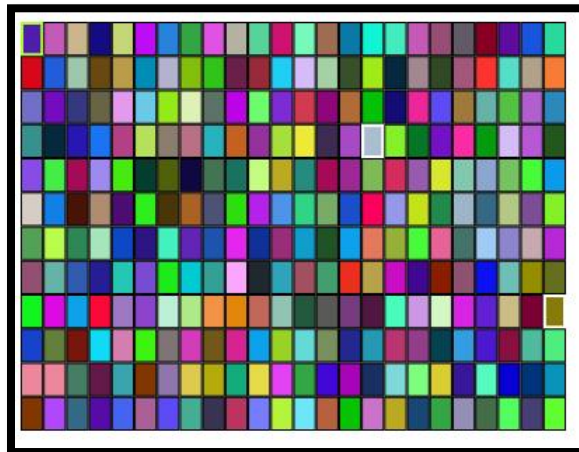
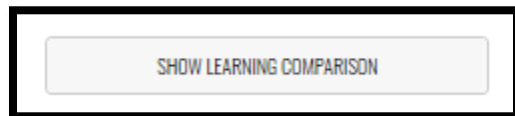
NAME	VALUE
Item	1500

	Prior To Learned	Learned
Session	1842	1855
Time	10:05:25	10:09:48
Case	530209	533953
Score	177,024.13	177,080.30

SHOW LEARNING COMPARISON

## Show Learning Comparison

Clicking on the Learning Comparison will show the current planogram of that learning event. It will also highlight the items that changed on that learning event. Note that if you turn this off, it will show you the optimized planogram.



Hovering over an item, should show the previous one and the current. If I hover over the brown one located around the lower right of the planogram, I get this pop up below.

Previous	Current
	
Item3094	Item1762
481.28	648.87

## Selected Details

The Selected Details shows you the Name and Value of each of the Inputs and Outputs for the highlighted Learning Event.

Selected Details					
Input Details			Output Details		
NAME	VALUE		NAME	VALUE	
Slot	1		Item	1500	

It also shows you the Details of the Learning Event, as well as Prior to it for easy comparison.

	Prior To Learned	Learned
Session	1842	1855
Time	10:05:25	10:09:48
Case	530209	533953
Score	<u>177,024.13</u>	<u>177,080.30</u>