

**R Training For LMI Shops: Beginning to Intermediate**  
**June 2 – 3, 2026 | Salem, Oregon**

<b>Day 1 – Beginner   June 2, 2026 9:00 AM – 5:00 PM</b>	
9:00 AM – 9:30 AM	Welcome, Introductions & Overview
9:30 AM – 10:30 AM	R Fundamentals; Scripts, console, environments, directory, and effective workflows
10:30 AM – 10:45 AM	Break
10:45 AM – 12:00 PM	Data Cleaning & Wrangling with the Tidyverse; select, filter, mutate, join, reshape; hands-on examples
12:00 PM – 1:00 PM	Lunch
1:00 PM – 3:00 PM	Applied Wrangling Exercise; End-to-end data cleaning project using Oregon economic/labor market data
3:00 PM – 3:15 PM	Break
3:15 PM – 4:45 PM	Data Visualization with ggplot2; Creating and customizing plots; intro to interactive visualizations
4:45 PM – 5:00 PM	Day 1 Wrap-Up & Q&A
<b>Day 2 – Intermediate   June 3, 2026 9:00 AM – 5:00 PM</b>	
9:00 AM – 9:30 AM	Day 1 Recap & Day 2 Overview
9:30 AM – 10:45 AM	Accessing Public Data via APIs; Census Bureau and BLS using tidycensus, blsloadR, and related packages; intro to the IPUMS Census microdata API
10:45 AM – 11:00 AM	Break
11:00 AM – 12:00 PM	Applied API exercise using tidycensus and blsloadR
12:00 PM – 1:00 PM	Lunch
1:00 PM – 2:15 PM	Spatial Data and Mapping; Working with geographic data using sf and tidycensus; creating interactive maps
2:15 PM – 2:30 PM	Break
2:30 PM – 3:30 PM	Quarto Fundamentals; Markdown syntax, YAML setup, chunk options, dynamic reporting
3:30 PM – 3:45 PM	Break
3:45 PM – 4:45 PM	Brief overview of functions and loops, including usage of the purrr package
4:45 PM – 5:00 PM	Wrap-Up, Resources & Q&A