

Labor Demand Forecasting

When it comes to labor forecasting, many organizations still rely upon spreadsheets and manual processes.

Legion labor demand forecasting delivers new levels of precision and accuracy, factoring in past sales, store traffic, seasonality, events, weather and more for customized, by-location workload forecasts that are tailored to your unique needs.

Staffing Requirements Delivered in 15-Minute Increments

Legion uses machine-learning (ML), an AI-based application where systems can automatically learn without being programmed, to project exactly how much labor is needed, by location, and in 15-minute increments, to help organizations reduce labor costs while optimizing sales.

Integrating Thousands of Data Points

On average, Legion labor forecasts are 98 percent accurate. Our expert data science team integrates your unique data such as historical sales via POS or traffic counters through direct API or FTP integrations. Forecasts also consider operating hours, seasonal and holiday calendars, events within a one-mile radius, promotions and local weather so you no longer need to generate complex calculations or use manual processes.

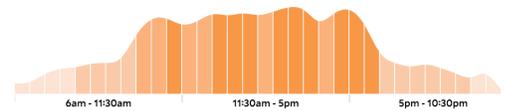
Machine Learning Models Continually Retrained

We evaluate over 50 ML model algorithms and different feature sets until the best performing model is determined. Results are monitored versus forecast projections to retrain the ML model and continually improve forecasts.

Today's Forecast

3,462 Items Sales Guidance 87.4 Hrs Budget 86.5 Hrs Scheduled 0 Hrs Other

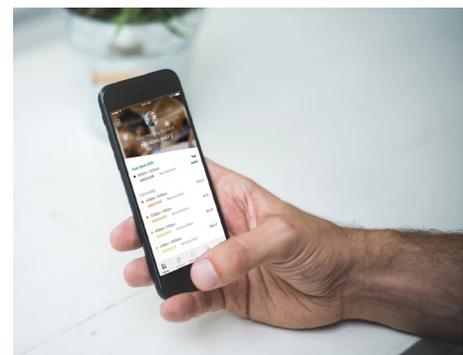
PROJECTED DEMAND



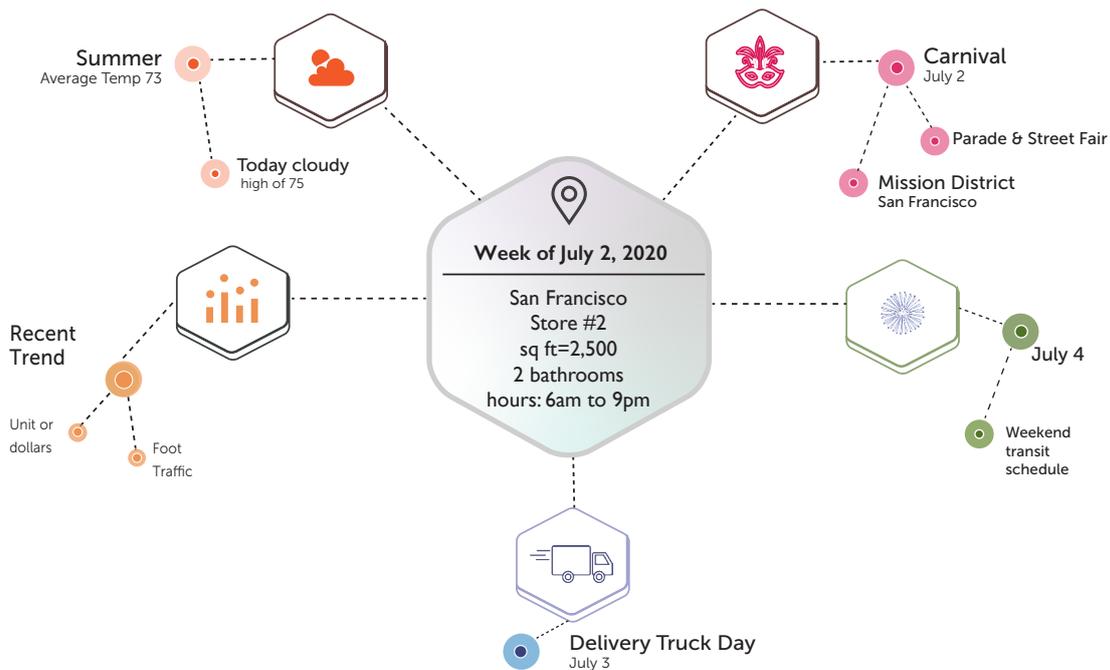
Legion relies on machine learning to create highly accurate labor demand forecasts that help organizations avoid over and understaffing

Highlights

- 98 percent accuracy in labor forecasts.
- By-location workload forecasts in 15-minute increments.
- Peak period and lull-time identification.
- Forecast business demand in dollars, transactions, foot traffic or other variants.
- Factor in your unique labor model and staffing policies.
- Fully-automated forecasts continually make use of and learn from thousands of data points.
- Integrates with major traffic counters, point of sales, and HRMS software



One-click scheduling matches employee preferences with labor demands, generated through automated demand forecasts



Legion works with customers to integrate their unique data points and external factors such as weather and events to create highly accurate, by-location labor forecasts.

Peak and Lull Periods Identified

Legion identifies lulls in labor needs and decreases staffing projections accordingly. Labor allocation is optimized by matching work roles with specific demand types, resulting in lower costs.

One-Click Scheduling

Once the forecast is created (and personalized with your specific data), schedules can easily be created with one simple click to match the preferences of employees. Legion delivers efficiency to the benefit and not the detriment of employees.

Simple UI, Deep Analytics

On the back end, Legion is capable of complex calculations to generate highly accurate forecasts schedules. We marry this sophistication with a simple, intuitive UI that lets you quickly see peak periods, labor accuracy, weather and even upcoming holidays. Crucial metrics, dashboards and reports give you instant insight.

“Legion proved to us that the application of AI for forecasting demand, and scheduling labor accordingly can help us stay a local customer favorite and a preferred corporate caterer for companies of all sizes.”

-Pau Cortez, Specialtys Cafe & Bakery



About Legion

Legion uses AI to help employers reduce costs, eliminate labor inefficiency and boost employee engagement for their hourly workforce with advanced yet simple-to-use solutions for workforce management including labor forecasting, scheduling, engagement, compliance and time/attendance. For more information visit legion.co.