





### Optimize

Program Offerings



### Connect

Student to programs & careers



### Communicate

Outcomes and impact

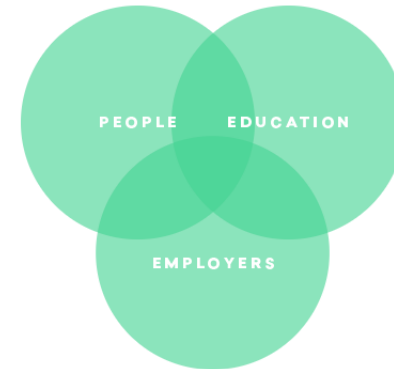
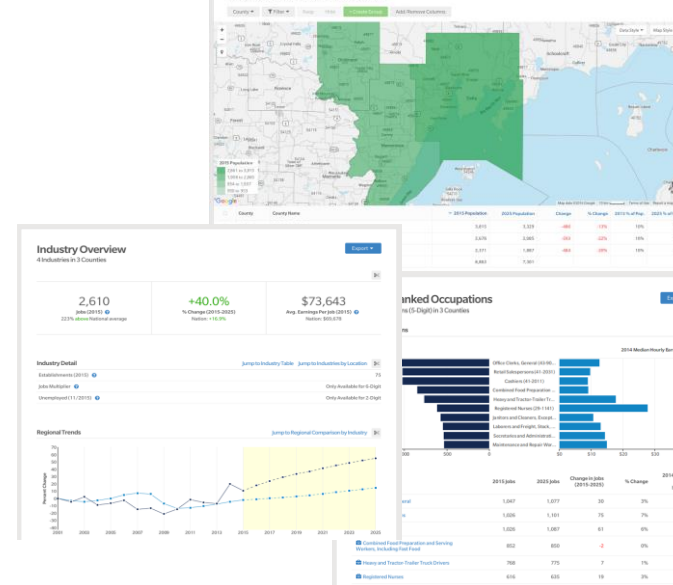
**LIGHTCAST .... powering regional prosperity by  
connect people, education, & employers.**



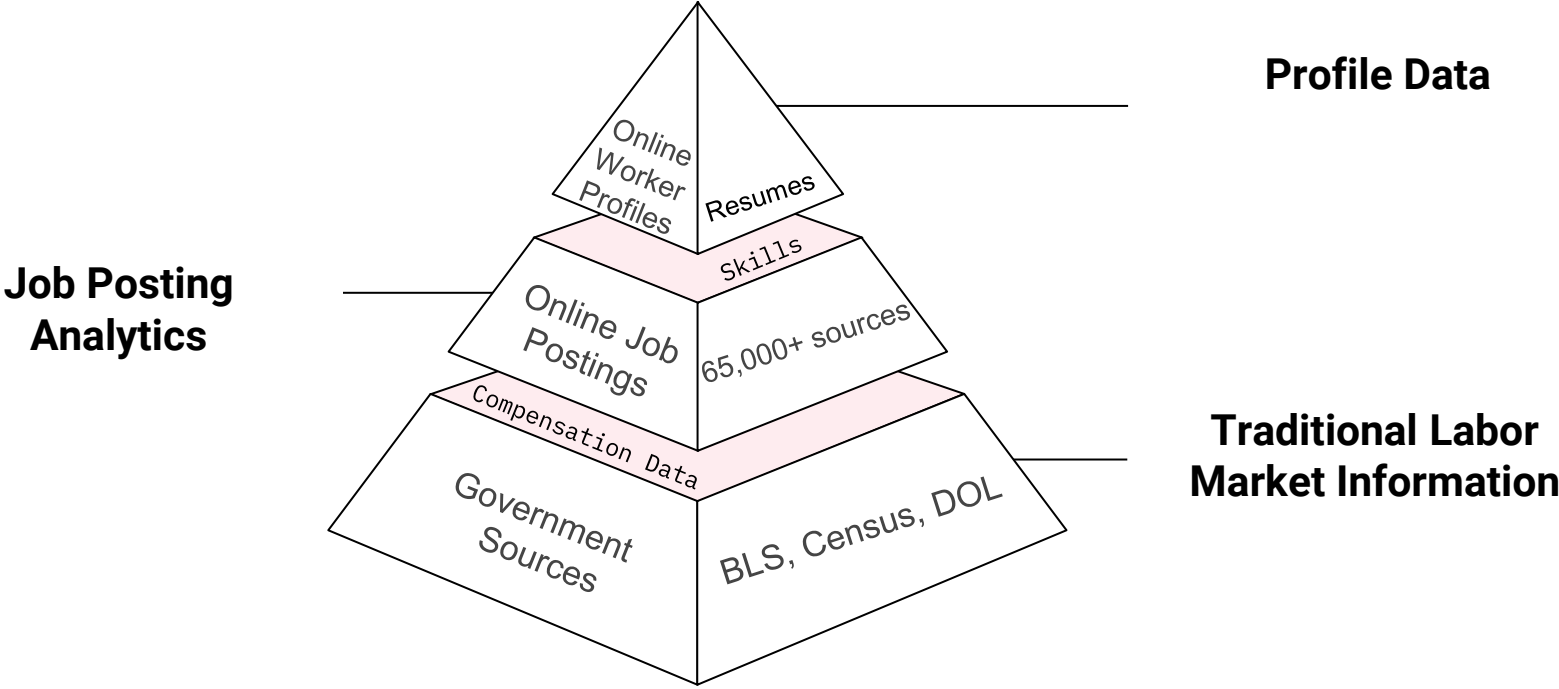
# LIGHTCAST DATA

## THE FOUNDATION OF YOUR COLLEGES SUCCESS

- Covering more than 99% of the workforce by blending traditional structured data (BLS, Census, DOL) with Real-Time data (job postings & profiles)
- National, state, county, zip & Census tract level data
- Industries, occupations, programs, skills, job postings, workplace profiles and demographics
- Unsuppressed & updated quarterly



# Data Overview





# Lightcast is *Oregon's* trusted LMI partner



100%  
of Oregon Community Colleges  
use Lightcast data



# Regional Labor Market Awareness

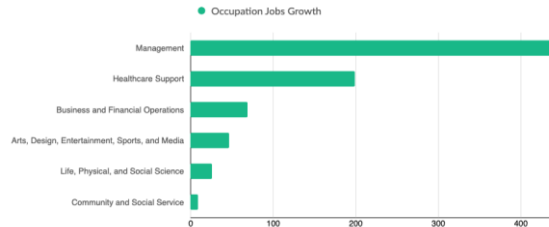
## Educational Attainment

Concerning educational attainment, **13.6%** of Victoria, TX residents possess a **Bachelor's Degree** (6.7% below the national average), and **9.9%** hold an **Associate's Degree** (1.2% above the national average).

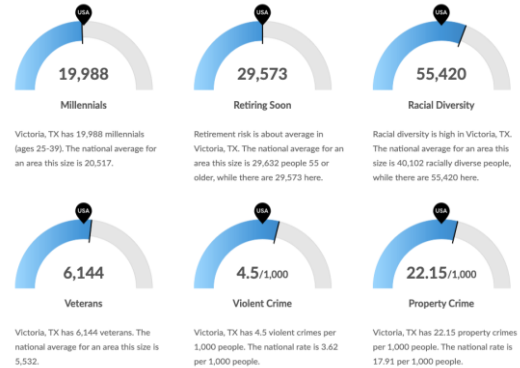


	% of Population	Population
Less Than 9th Grade	7.5%	4,943
9th Grade to 12th Grade	8.6%	5,698
High School Diploma	29.9%	19,818
Some College	23.8%	15,784
Associate's Degree	9.9%	6,559
Bachelor's Degree	13.6%	9,044
Graduate Degree and Higher	6.7%	4,422

## Top Growing Occupations

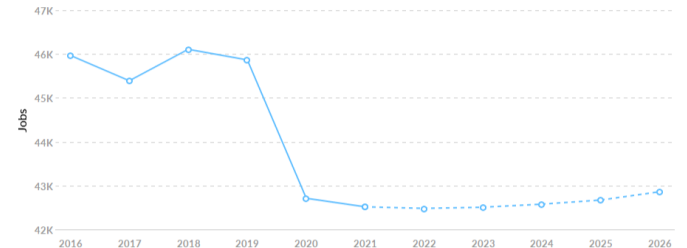


## Population Characteristics



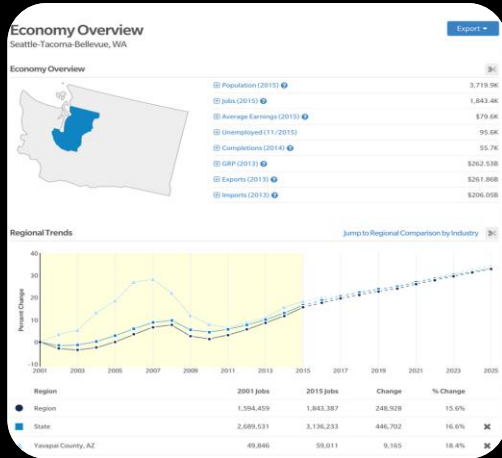
## Job Trends

From 2016 to 2021, jobs declined by 7.5% in Victoria, TX from 45,969 to 42,517. This change fell short of the national growth rate of 0.4% by 7.1%.



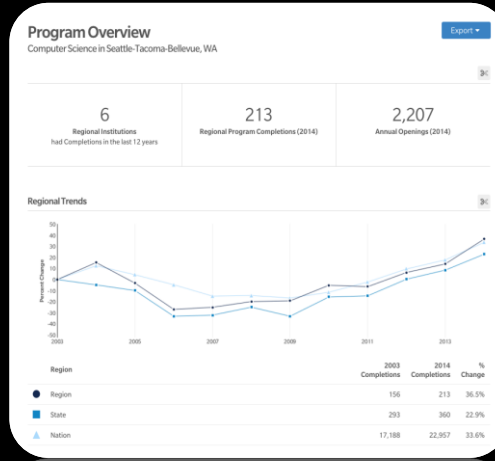
# What questions can Analyst help answer?

“What industries are seeing the most change in my Region?”



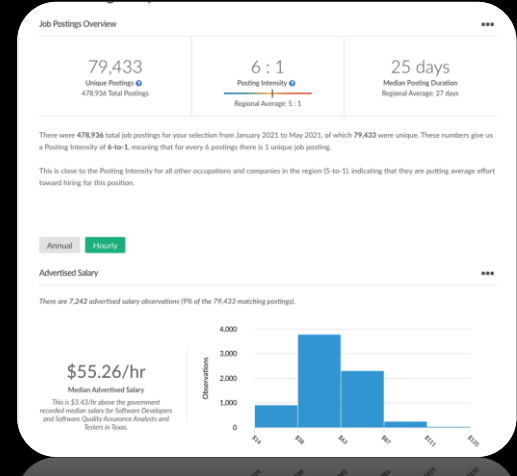
Economy Overview

“Are the programs we offer in alignment with local job trends?”



Program Review

“Is there workforce demand to support a new program?”

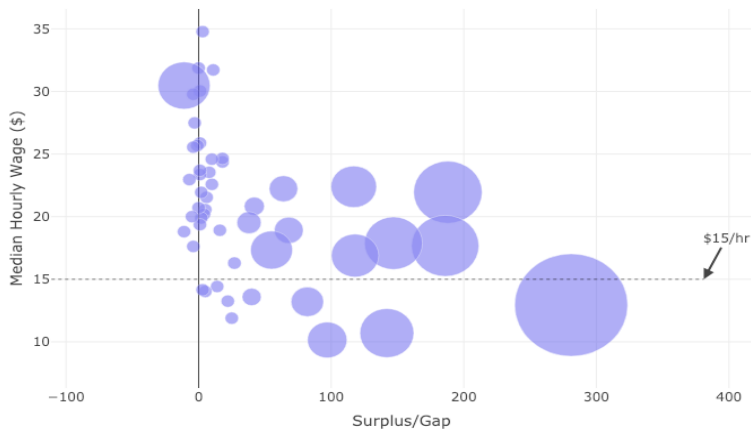


Job Postings Analysis



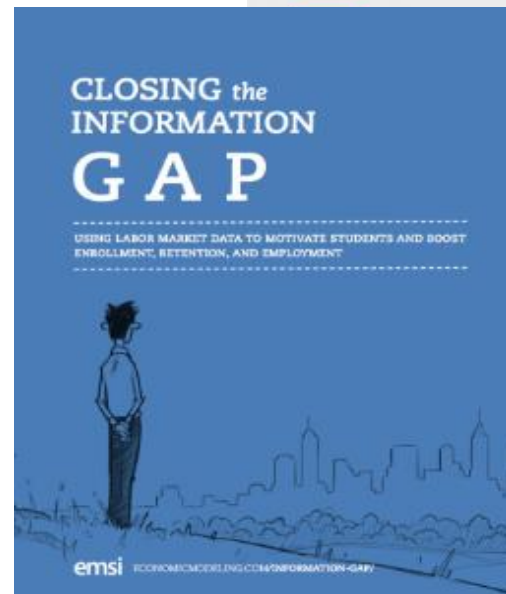
# Program Demand Gap Analysis (PDGA)

## HELPING COLLEGES ALIGN PROGRAMS WITH REGIONAL LABOR MARKET DEMAND



### WHAT DOES THE NYC SKILLS GAP LOOK LIKE?

**6%**  
growth in NYC labor market since 2010.



An estimated **46%** of New Yorkers aged 25 and older lack the postsecondary credentials to fill these job openings.

**45%** of the total middle-skill job postings in 2013-2014, and are each projected to grow by some 15% over the next five years.

Employers are having trouble finding workers with the right skills—middle-skill postings in healthcare go unfilled for over a month on average.



# Program Demand Gap Analysis (PDGA)

HOW ALIGNED WITH REGIONAL JOB DEMAND ARE YOUR PROGRAMS

## Compares...

- Supply of graduates
- Demand of job openings
- Credit & Non-Credit

## Identifies...

- New program opportunities
- Growth opportunities
- At-risk programs

Communicates the status quo and what your next steps should be.



# A Comprehensive Examination of Program Alignment at Each Award Level

## The Trailhead for Program Alignment

The findings of the Program Demand Gap Analysis are designed to inform your next steps in the program alignment process.

↑ HIGH DEMAND ↓ LOW SUPPLY

How do we start or scale programs?

↑ HIGH DEMAND ↑ HIGH SUPPLY

What opportunities exist to do even more?

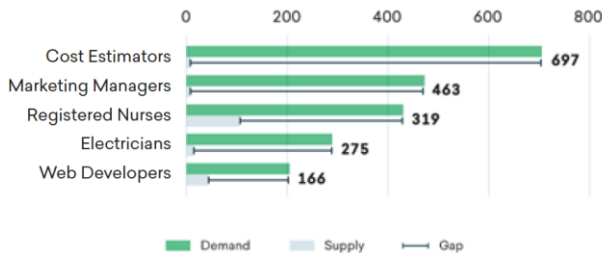
↓ LOW DEMAND ↓ LOW SUPPLY

How should we invest going forward?

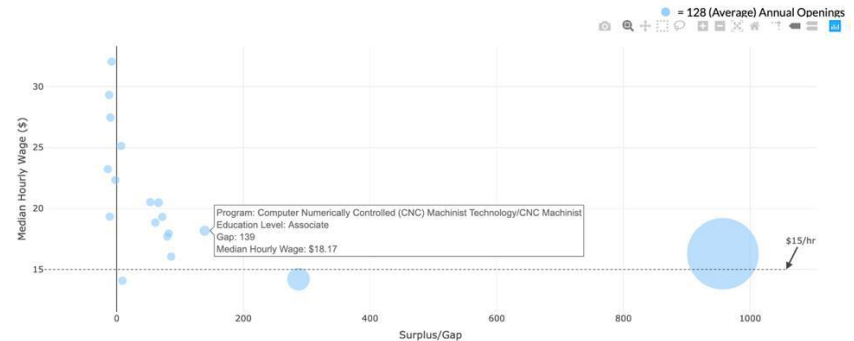
↓ LOW DEMAND ↑ HIGH SUPPLY

Where are graduates working?

## Visualizing Training Gaps



## Associate



SOC	Occupation	2018 Jobs	2028 Jobs	Chan...	Annual Openings	Median Hourly Wage
17-3023	Electrical & Electronics Engine...	111	132	21	6	\$24.76
17-3024	Electro-Mechanical Technicians	11	14	3	1	\$25.77
17-3026	Industrial Engineering Technicia...	107	122	15	5	\$27.46
17-3029	Engineering Technicians, Except...	69	83	14	4	\$31.46
49-2011	Computer, Automated Teller, & ...	54	53	-1	3	\$16.95
49-2094	Electrical & Electronics Repaire...	78	89	10	4	\$18.34
49-9041	Industrial Machinery Mechanics	765	797	32	35	\$23.73
49-9071	Maintenance & Repair Workers...	2102	2313	212	71	\$17.79
51-9141	Semiconductor Processors	30	26	-4	1	\$17.18

