Economic development for government

Enable analytics insights into current economic conditions
and more accurately forecast outcomes

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Fiscal stimulus

Workforce assessment
and strategic planning

Evidence-based
policy simulation

Forecasting and modeling
for the future

The Issue

Massive layoffs, corporate reductions and business closures are taking their toll on households and communities around the globe. Governments are racing to create programs that are delivering cash infusions to workers and businesses. A successful economic recovery will require a collaborative approach between workforce development agencies, economic development agencies, businesses and communities. With so much activity happening quickly, it is more challenging than ever to ensure that programs are being implemented in a way that keeps all stakeholders focused on the same goals. Connection, collaboration and efficiency are the requirements that must be met to rebuild our economy and strengthen our communities.

The Challenges

Understanding your economic foundation. Because the economic downturn has not affected regions or industries equally, SAS® enables you to layer disparate data to gain a clearer picture, enabling you to easily uncover trends and clusters. With this insight you can match community resources with current workforce and business needs. Gaps can then be addressed with infrastructure, training and expansion programs.

Modeling scenarios and forecasting possibilities. When there are so many factors to consider, sometimes there is no clear choice. SAS gives you the ability to build and run models to better understand the potential impacts of your decisions. Analyzing past data using scenario modeling and future forecasts keeps you focused on the best outcomes.

Measuring programmatic impact. Communicating progress to the public and elected officials is crucial for improving and expanding recovery programs. SAS enables you to layer day-to-day decisions on top of your foundational data, analyses and then report on the results. You can track and document your progress and identify less-effective initiatives. This enables clearer communication that will help ensure that long-term policies are influenced by what has been proven to work best.

Our Approach

SAS provides governments with a rapidly deployable solution to help improve visibility into labor markets by providing software and services to help with making the most informed decisions possible. These capabilities include:

Best-in-class analytics. We provide an analytics environment that enables collaboration among different modeling communities such as economists, epidemiologists and others, regardless of their preferred modeling language.

Data management. SAS helps you aggregate and standardize data coming from disparate sources, including third-party providers of economic information from the public (e.g., statistical agencies such as the US Census Bureau) and private sector (e.g., Moody's).

Dashboards and visualizations. SAS knows that you need situational awareness of current economic, demographic and outbreak-related information.

Risk analysis. You need accurate econometrics for predicting the impact of loans and other community investments.

A robust forecasting engine. The better you can predict business and job trends for specific industries within specific geographies for specific demographics, the sooner full recovery can happen.
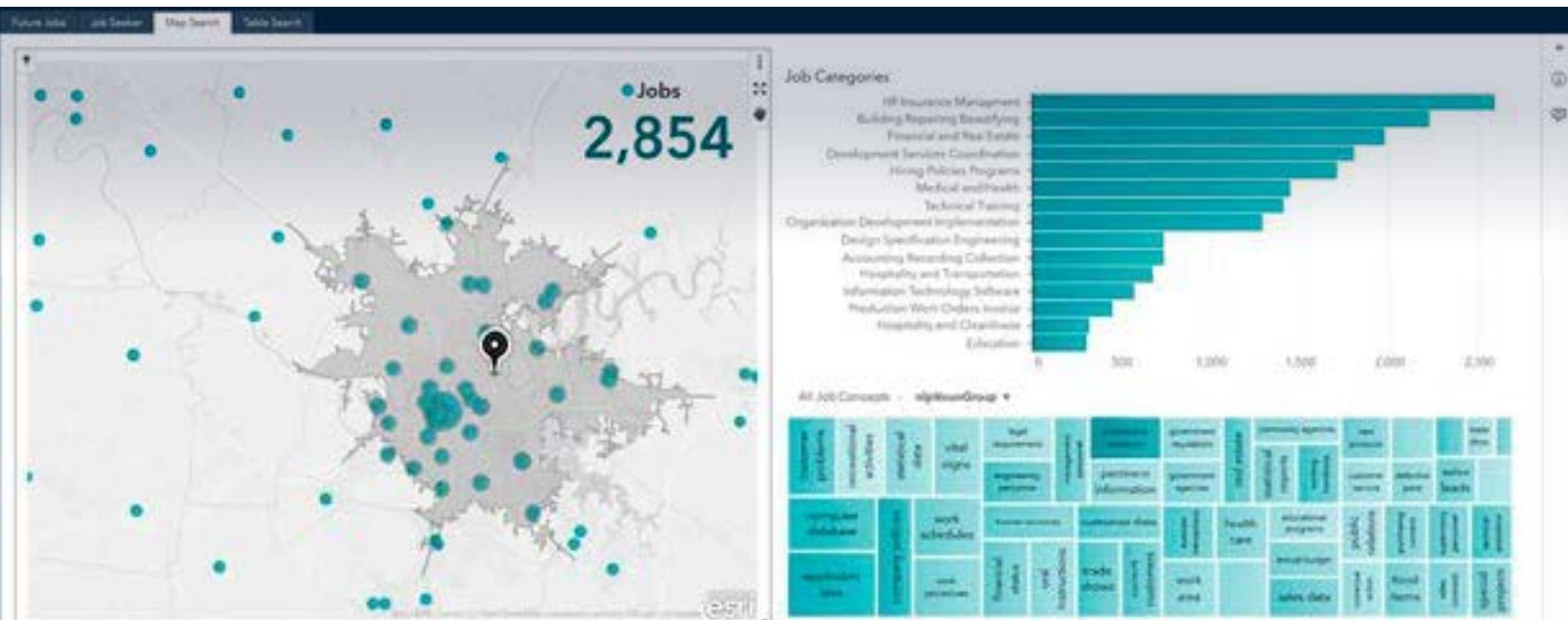
Text analytics. Our natural language processing software allows you to extract insights from textual data such as job postings, résumés and regulations.

The SAS® Difference

SAS helps governments respond to the immediate needs of workers and businesses, and strengthen national and local economies by enabling you to balance growth and public health. By reimagining how governments can help support economies until a vaccine is widely available, SAS can provide:

- A cross-functional team of economists, epidemiologists, operations researchers, data scientists and technologists to assist you.

- An approach to your problems that is grounded in research and can be quickly operational for the good of your citizens.

- A software-agnostic solution that fosters collaboration among coders using SAS and other programming languages (or even non-coders) to work with our world-class data visualization capabilities.

SAS helps governments better understand which regions, industries and populations are most affected by the pandemic by incorporating in-house, third-party and publicly available data sources. SAS helps agencies understand the details around initial and subsequent unemployment filings by industry and region, as well as the trajectory of workers over time and the effect of these benefits. Workforce re-entry and business stabilization will be the cornerstones of returning to economic vitality.

Learn more at the SAS COVID-19 Resource Hub

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