



Indian state's Directorate of Economics and Statistics uses SAS® to plan for socioeconomic development

Industry

Government

Business Issue

Managing data from disparate legacy systems hampered productivity, prompting DES to find a single platform technology that could meet the rigorous demands of a governmental statistical and research environment.

Solution

SAS® Business Analytics helps DES generate and analyze key statistical reports through data integration, reporting and analysis.

Benefits

SAS saves DES time formerly spent on data management, allowing for more focus on critical research and analysis of data for effective socioeconomic decision making.

Directorate of Economics and Statistics (DES) is the nodal statistical body of the Government of Maharashtra, India. It collects official statistics, conducts surveys and provides statistical guidance to various government departments driving policy decisions for the state's socioeconomic development.

DES uses SAS Business Analytics to generate and analyze key DES statistical reports. The comprehensive – yet streamlined – SAS solution is complete with data integration, analysis and reporting structures. SAS frees DES' analysts from managing data, allowing focus on more creative projects that will help the state make better policy decisions.

Previous DES in-house applications catered to varying data needs such as compilation, validation and report preparation, which caused a huge delay in disseminating information. Also, before SAS, DES kept two decades of data stored in different file structures, lacking the means to perform analytics.

"The savings in time that we see today to analyze and generate reports from using SAS clearly indicate that, in the next five years, considerable resources will be saved from the user-friendly and effective system," says D.R. Bhosale, Director of DES.

Back-end help for better planning

"The SAS platform allows DES to be more productive, whereas the multiple legacy systems involved a great deal more work just to process reports, for example," says Bhosale. "We regularly

participate in the National Sample Survey (NSS). One NSS report was processed within five months using SAS solutions when previously it took a couple of years to process such data." Further, SAS provides a central repository of the information, also available to all officers.

"SAS generates DES reports of data collected for the Census of Government Employees and cleanses the data such that there is a 'single version of truth' across the department. That's important when we are giving such critical information to decision makers of our state," says Bhosale.

DES relies on SAS for top-notch statistical analysis too. DES is charged with analyzing economic trends in areas such as:

- The economy as a whole.
- Different sectors.
- Different sub-sectors.
- Structural changes.
- Demographical changes.

In addition, SAS disseminates DES data through an integrated environment involving Web-based scheduled and ad hoc reporting. DES enjoys the multilingual capabilities of SAS to satisfy regional language needs. According to Bhosale, this is effective when reporting information both within the department and to external constituents like government agencies, businesses and even the media and general public.

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D.R. Bhosale
Director of DES

Collaboration leads to quality

SAS partnered with Blue Star Infotech Limited (BSIL), a Mumbai-based software solutions and IT services provider, to implement systems for DES. “As a longtime SAS partner, we are excited to work with DES to apply solutions and provide training. We look forward to continuing our partnership and support in the future,” says Satish Gaonkar, Vice President, Consulting Services for BSIL.

DES relates to SAS’ approach because both organizations’ core functions are very similar: DES provides critical statistics and counsel

for strategic policy planning and SAS provides seamless data and analysis for better decision making.

“We sought a proven technology with the same reliability, scalability and robustness of data capability for which the state government relies on DES. SAS provides the technical superiority and support necessary to do the job,” explains Bhosale.



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