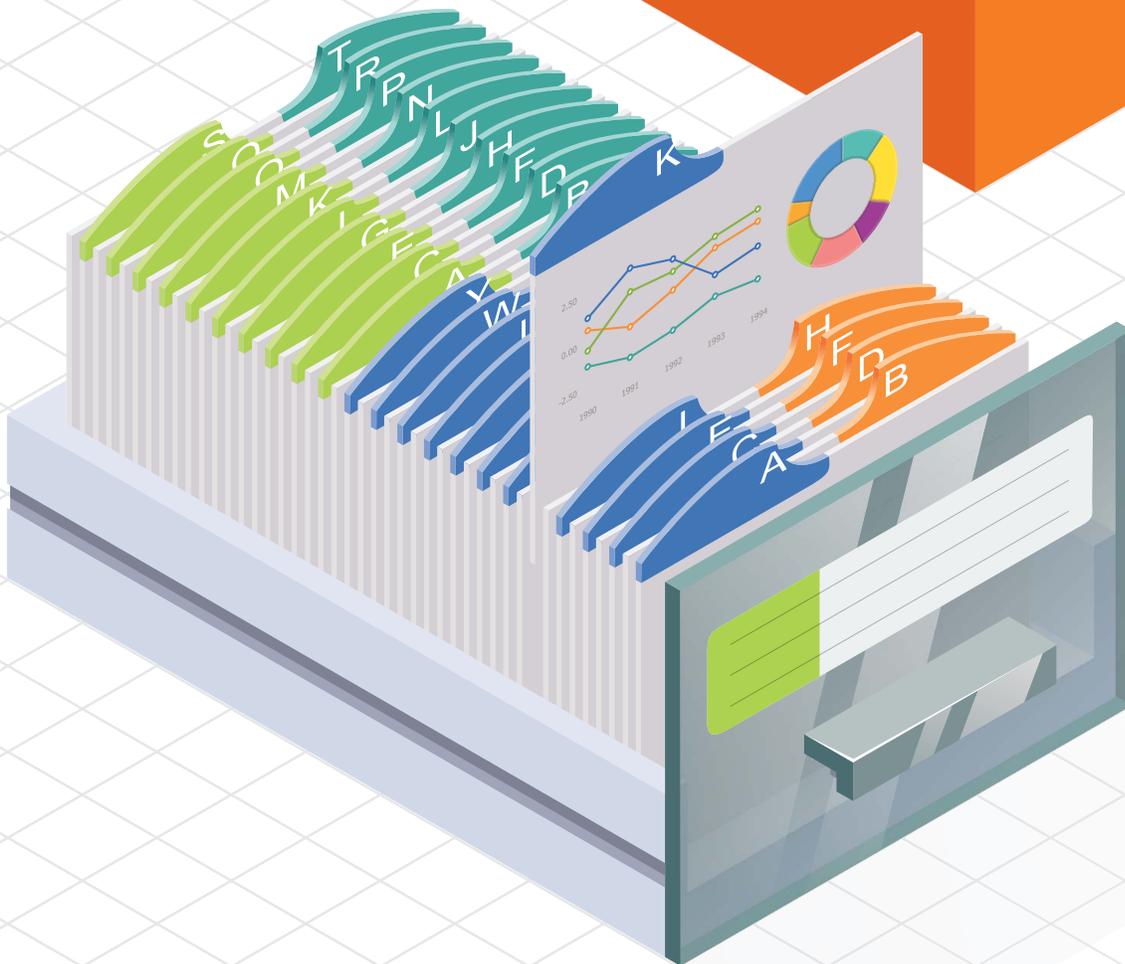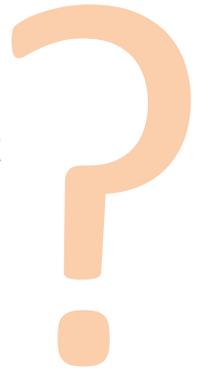# Statistical
Data
Management

Do you provide value
THROUGH STATISTICAL DATA and need
a comprehensive toolkit for data analysis? Would you benefit
from automatic data collection, processing, validation, and
update? Do you manually sift through large amounts of data
and documents to prepare time-critical statistical reports?

Prognoz is pleased to offer
Prognoz Statistical Data Management (SDM)

Prognoz Statistical Data Management is designed to speed up the collection, verification, and analysis of statistical data. **Prognoz SDM** incorporates a powerful toolset for managing a central statistical data warehouse, monitoring and performing dynamic data analysis, generating reports, and delivering data for any number of projects.

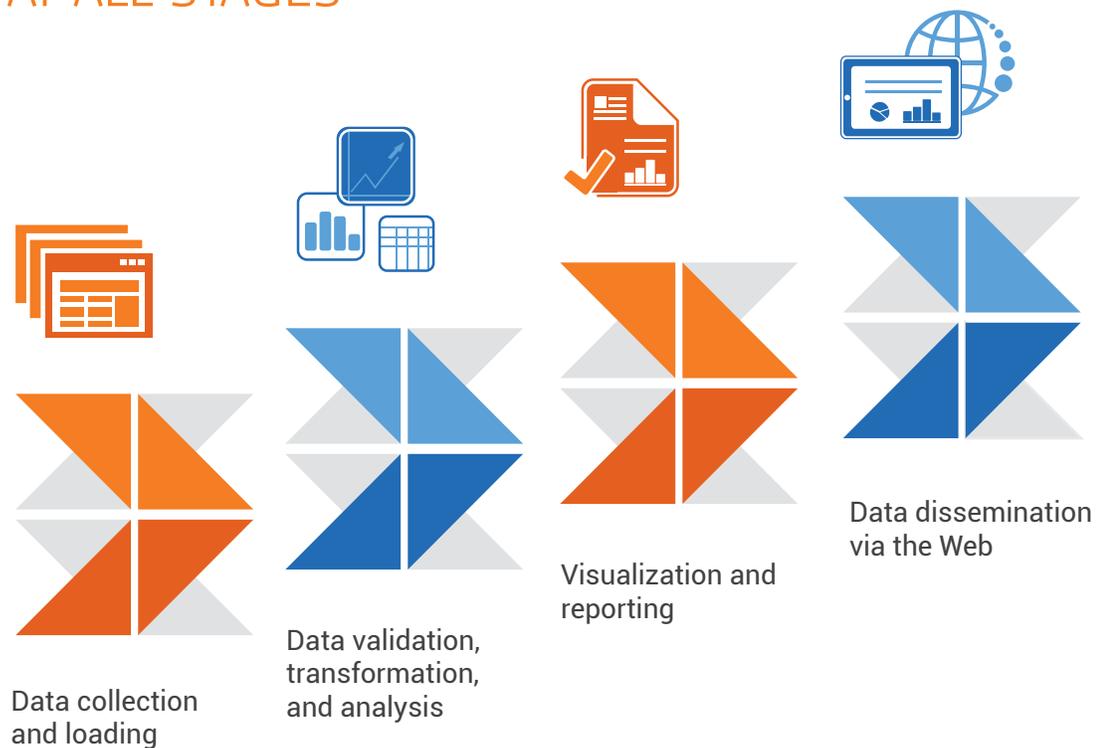## Speed up statistical data collection

- Create data templates for various respondents or data collection staff
- Distribute data collection forms automatically via the Web interface
- Maintain a respondents database, assign data collection forms to particular data collection staff, and set and trace deadlines for loading completed forms to the database
- Complete data collection forms online or offline
- Load external data and metadata in various formats, including XLS, XLSX, MDB, XML, CSV, AREMOS, and FAME, while supporting the SDMX standard
- Monitor and collect data from external sites using Web scraping technologies

Manage data easily in automated mode (ETL)

- Create a process and data flow management model
- Automatically launch data processing (Extract, Transform, Load) according to a task schedule
- Validate, transform, and aggregate data
- Leverage a rich set of mathematic and statistical tools with the ability to connect custom functions
- Control and analyze different versions of the same statistical survey or data set

AUTOMATE PROCESSES AT ALL STAGES

Data collection and loading

Data validation, transformation, and analysis

Visualization and reporting

Data dissemination via the Web

Generate reports automatically

- Perform OLAP analysis and visualize data in real time: Sort, filter, format by condition, calculate different types of totals, and customize the appearance and structure of tables and charts
- Prepare templates for reporting forms, utilizing parameterized charts, tables, maps, and text blocks
- Build and automatically send scheduled reports
- Export reports and data to various formats in accordance with the SDMX standard
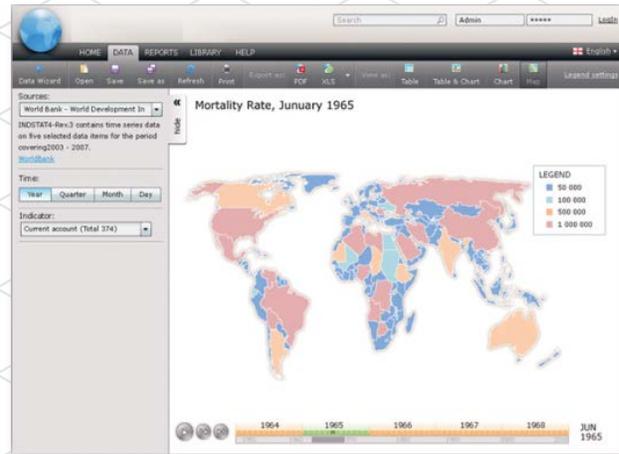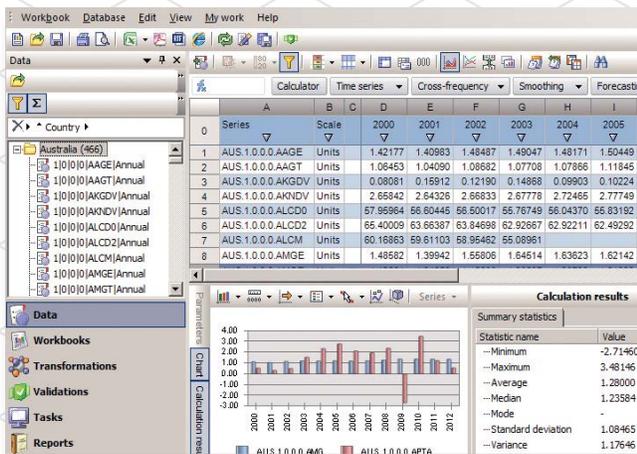
Distribute statistical data via the Web

- Distribute data via the Web portal with selection and filter controls and customizable transformations
- Search by data and metadata, and create custom queries

Stay informed, analyze, and act!

Competitive advantage

- A powerful toolkit for managing statistical data and metadata
- An extensive library of statistical analysis methods
- Centralized access to all data sources
- Flexible tools for customizing data processes
- Scheduled automated reporting
- Support for process models and collaboration

A powerful toolkit for managing statistical data and metadata

They trust us