

Dynamically Generate OLAP Cubes for Multi-Dimensional Analysis

SRK Delivers Just-in-Time Multi-Dimensional Analysis for Business Users

In today's rapidly changing business environment, organizations simply cannot afford to wait for analysis to be produced in the traditional, IT-dependent way. Analysis has to be available and adjustable just-in-time to support critical business decision-making.

While other BI tools would require users to learn data modeling in order to build a data warehouse with fact tables, dimension tables, and the relationships among them; SRK leverages big data technology such as Hadoop, coupled with DrivenBI's proprietary technology, to dynamically generate OLAP cubes on-the-fly without needing a data warehouse.

SRK's Pivot View is the underlying proprietary feature which enables business users to build their own multi-dimensional analysis on top of dynamically generated OLAP cubes, allowing them to perform analysis such as drilldown and rollup without any knowledge of building or navigating a data warehouse or any programming.

Multi-dimensional Analysis On-the-Fly

SRK is deliberately designed for business users, providing an intuitive self-service interface to easily create multi-dimensional analyses by simply dragging and dropping the desired fields for analysis. No programming is ever required with SRK.

Create your own multi-dimensional analysis in SRK with three simple steps:

1. Import your summary-level data into SRK
2. Select SRK Pivot View
3. Drag and drop the desired column fields, row fields and value fields to compose your multi-dimensional analysis

With your multi-dimensional analysis, you are able to discover how your business is performing with a single analysis. For example, an analysis can tell you how your sales are doing by product, state, or branch. Drilling into your analysis, instantly reveals the detailed breakdown of each category, while rolling up reveals the aggregated summary. By slicing and dicing your data in such a way, after knowing which product is generating the most revenue, you can easily further determine in which state or branch is that model selling the best.

SRK's multi-dimensional analysis also supports multi-dimensional charts that dynamically visualize the analysis at the granularity of users' choosing. As the user drills into or rolls up the analysis, the chart will automatically reflect the changes.

An Integral Part of SRK

Through the Pivot View feature, the multi-dimensional analysis is seamlessly incorporated into SRK and therefore can be used along with other native SRK features such as :

- Centralized data and logic
- Dashboards
- Task and Collaboration tools
- Data Security and Access Controls

Feature Summary

- Create multi-dimensional analyses without the need for building a data warehouse or learning any data modeling techniques
- Drilldown or rollup your business data in real-time without any IT expertise or programming skills
- Easily design multi-dimensional analyses via drag-and-drop
- Create multi-dimensional charts that dynamically visualize the multi-dimensional analysis
- Use multi-dimensional capabilities along with all SRK features, elevating already powerful analyses to the next level