

CONTAX

SAP Analytics Cloud - Simple Yet Powerful Dashboards

Summary

Many organizations struggle with turning their transactional data into meaningful insights and the ability to make better decisions. SAP Analytics Cloud can be used to create powerful dashboards, even from complex and disparate data feeds. It is the perfect solution for providing visually appealing, simple to understand and use self-service business intelligence.

This whitepaper explains how easy it is to use SAP Analytics Cloud to create a visually impressive dashboard that is unique and tailored to your specific needs and wishes.

Solution Overview

SAP Analytics Cloud (SAC) is a cloud-based solution that integrates with your current data sources, to bring them together in creating a more simplified and dynamic analytical landscape.

SAP Analytics Cloud (SAC) has the following key features:

- Analytic Model Creation
- Story Creation
- Data Exploration
- Simple Machine Learning Capabilities with Smart Discovery and Smart Insight
- Collaboration
- Responsive UI to view reports on your smartphone, tablets or desktop
- Pre-built templates to make is easier to develop your own content



CONTAX

What is a Model?

A model in SAC houses the relevant data upon which you would like to report. The simplest model can be built from a csv file that is saved locally or a data connection could be setup to extract and load data from a on-premise data source like ECC, S/4 HANA, BW, BPC, or cloud data sources like SuccessFactors, Salesforce, or Google Drive.

Models are the foundation for which stories are built.

What is a Story?

A story in SAC is where you create your reports and visualizations. A story is linked to a model. In a story you can explore the data to select which data points you would like to report on and build visualizations like charts, line graphs, tables, geo-maps to help present the data to executives and senior-level management to give them better insight into their business. A story is your powerful dashboard.

Drill-Down and Top N / Bottom N Analysis Features

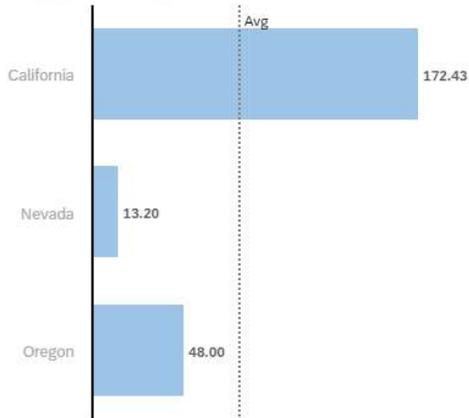
Charts have the capability of drilling down into subsections of the data member, which allows the customer to easily analyze and generate insight as to why specific numbers are larger and smaller than they may have expected.

A pre-built function in SAC is the ability to build a chart based on the top and bottom numerical results (you can choose how many you would like to show, whether it may be top or bottom 5/10/20/etc.).



CONTAX

Average gross margin



Average gross margin

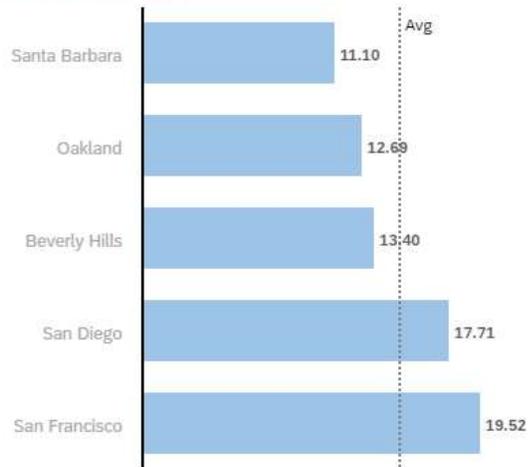


Drill-down example

Average gross margin



Average gross margin



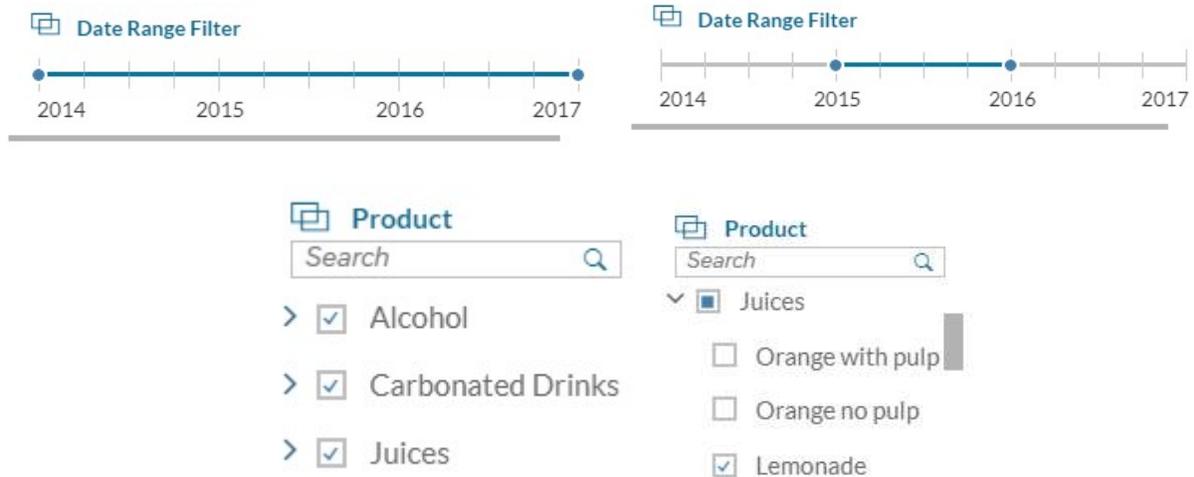
Top 5 and Bottom 5 Analysis Example



CONTAX

Global Data Filters

A pre-built function in SAC is able to set global filters in a story. For example, you might have date range filter and product drop-down list that will update all visualizations in the story. This allows the story to be more interactive.



Smart Insight and Geo Maps

Smart insights are SAC machine learning capabilities to automatically create a story based on the data from your model and generates business insights that will help you understand why specific business segments/locations/products are out-performing or are not meeting previous expectations.

Geo-maps provide a visual sense of geographical data based on any measures that you may find relevant.

CONTAX

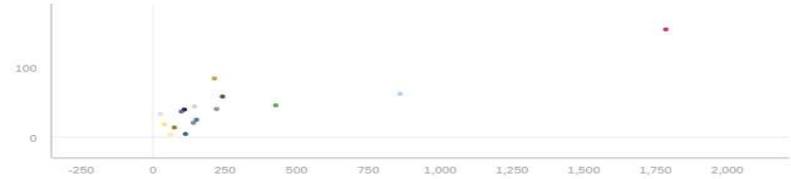
Sample: Why Is Nevada's Revenue Low?

On this page, we explore two possible factors contributing to Nevada's revenue: discount-% and marketing events per state.



Net Revenue and number of events for 2016 by city

in USD, Million USD



Discount % vs. net revenue



The high number of discounts in Nevada and Oregon are leading to lower net revenue.

Types of marketing per state

