

BellaDati Agile BI - Embedded Efficient part time staff deployment



Are you managing a restaurant chain, cafe chain or other outlets where business can vary greatly from one day to the next?

Likely, you have a number of part-time staff to help you adjust, but it can often be difficult to know in advance how many part-timers will be needed on a given day. Call in too many and staff costs increase, call too few and customer satisfaction suffers.

Wouldn't it be great to have a simple, easy-to-use tool that can take into account variables like weather or traffic and automatically make reliable predictions based on your past experience?

BellaDati can make this forecast available to you!

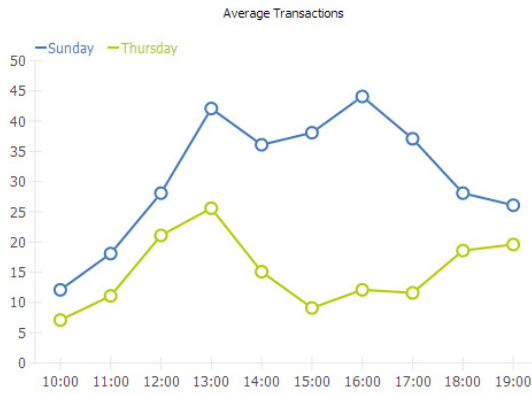
Let's say we're running a small cafe near a popular park in our city. The main variables affecting business are day of week, time of day, and weather. On a slow day, just two staff members may be enough to serve our customers, while at busy times we need as many as ten.

After running for a few months, we have accumulated a record of past transactions in our point-of-sale system. We can import this data into BellaDati to analyze the number of customers we had on any given day in the past:

Efficient part time staff deployment

Average Transactions per Hour

Drill down by: **by Hours and Day of Week**

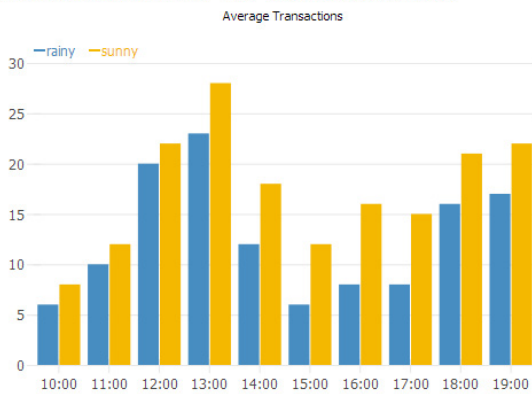


Assuming nothing else has changed, this already allows us to make predictions based on day of week and time of day. But what about our third variable: the weather?

Weather data is available from a variety of online services. We connect BellaDati to one of them and load historical weather information for the time period of our data. We can now use this information to make more accurate predictions!

Thursday Average Transactions

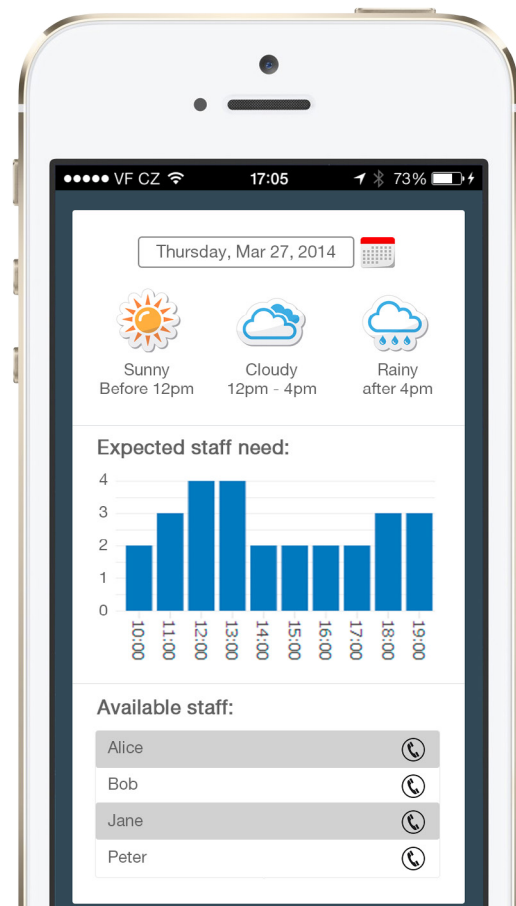
Drill down by: **by Hours and Weather** Filter: **Day of Week contains Thursday**



By embedding BellaDati, we can take this another step further: We can develop an app that gives us an immediate forecast for any given day.

The app connects to a weather service, getting forecast data for the selected day. It then connects to BellaDati and shows us the predicted data, based on the weather forecast and our past transactions!

As a manager, we no longer need to rely on guesswork to decide how many part-timers to call. All we need to do is open the app, get the prediction and call our staff!



BellaDati is Agile BI, Pure Web Application, Complete BI Solution



Cloud or On-Premise

Deploy in the cloud or install On-Premise. All you need is web-browser or mobile device.

Analytics Platform

with API and SDK for creating Embedded Data Solutions. Deliver BellaDati as Your Brand.

Mobile BI

Pull reports out of your pocket on- or off-line with BellaDati Mobile for iOS and Android. Filter, share and comment or harvest new data on the go.

BIG Data and Predictions

In Memory Real time Statistics and Prediction with SAP HANA.

NO-SQL/SQL biz data integration and analysis

from more than 100 databases, APIs, Cloud Solutions and Social Networks.

Social network for Data Discovery

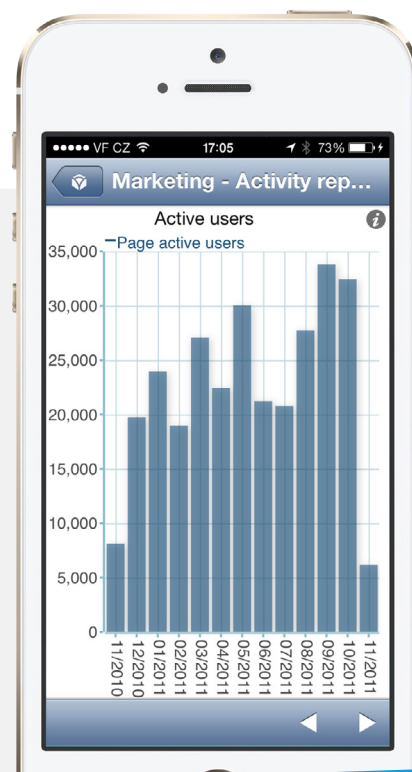
Realtime collaboration on the insights. Search, share, copy, export, get notified on data changes.



BellaDati Cloud



BellaDati On-Premise



Ask for more use cases...

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