



PRESENTS

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The 50 finalists of the CODE_n14 Contest

Energy & Environment

AutoGrid System	Redwood City, USA	Harnessing big data, predictive analytics, and cloud computing, AutoGrid System optimizes the electrical grid by determining power supply and demand, and then adjusting the consumption to avoid black-outs, theft, and waste.
EnergyDeck Ltd.	London, UK	EnergyDeck is a community-based platform that helps organizations to reduce costs related to energy consumption. It leverages the collective intelligence of all users in order to provide relevant benchmarks and help identify the most suitable savings opportunities.
LeanCiti Ltd.	Herzlia, Israel	Following the vision of a “Smart City”, LeanCiti enables users to share any type of city-related data on resource consumption in a social network.
Marinexplore, Inc.	Sunnyvale, USA	Marinexplore is a big data platform that makes sense of 4-dimensional marine data. It helps to dramatically reduce environmental and economic risk associated with decision-making in the offshore and marine industries.

Finance

Big Data Scoring	Tallin, Estonia	Big Data Scoring has developed credit-scoring algorithms based on social media data to be used by banks and other lenders.
Kreditech Holding SSL GmbH	Hamburg, Germany	Kreditech uses big data and complex machine-learning algorithms to enable faster and better credit decisions.



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Tresata	Charlotte, USA	Tresata offers various big data analytics engines that help companies solve massive business challenges, e.g. in product pricing.
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Health

cosinuss° GmbH	Munich, Germany	cosinuss° has developed a heart rate monitor to wear in the ear. A specially designed technology platform conveniently and continuously takes mobile measurements of heart rate, core body temperature, and oxygen levels in the blood.
GENALICE B.V.	Harderwijk, The Netherlands	GENALICE's big data software solution combines DNA interpretation, analysis, and correlation with other diagnostic information and helps to analyze vast amounts of complex medical data more quickly, more reliably, and at a lower cost.
Mint Labs	Barcelona, Spain	Mint Labs offers advanced medical image analysis and visualization, providing detailed 3D maps of the brain. The solution includes tools to quantify the anomalies of the tissue captured in the images.
SOMA Analytics UG	London, UK	SOMA Analytics' Kelaa technology senses an employee's stress levels based on smartphone movement data.

Manufacturing & Construction

Precogs	Paris, France	Precogs offers companies from the electronic manufacturing industry a predictive software solution that anticipates critical supply chain risk, like a product overstock, and generates priorities for action.
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Sablono GmbH	Berlin, Germany	Sablono BIMtime is the first software for construction management that uses a virtual 3D building model for scheduling. It increases the level of detail for a given schedule by a factor of 1,000.
<hr/> Marketing & Sales <hr/>		
Crayon Data Pte Ltd.	Singapore, Singapore	Following the idea that when people are given a limited range of relevant options, they are more likely to choose and will be happier with their choice, Crayon Data helps consumers and businesses to make smarter decisions by simplifying big data and providing more relevant and personalized sets of choices.
Feingold Technologies GmbH	Unterföhring, Germany	Feingold Technologies provides a platform for analyzing the emotional states of users through voice and text facilities. It combines artificial intelligence, textual data and language-flow analysis with cutting-edge behavioral science.
G Predictive Gradient GmbH	Norderstedt, Germany	Based on the finest in machine learning techniques, G Predictive offers individual predictions for constantly recurring questions within the marketing and sales process – automated, ongoing, in real-time.
Locoslab GmbH	Bonn, Germany	Locoslab offers indoor navigation for airports, fairs and shopping centers as well as location analytics to improve business processes according to the customer's needs.



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Science Rockstars BV	Amsterdam, The Netherlands	Science Rockstars combine behavioral science and technology in a next level marketing solution. It helps companies to optimize personalized communication with their customers – online and in real-time.
Spinnakr	Mountain View, USA	Spinnakr is a next generation web analytics product. By applying the best of machine learning and predictive analytics, Spinnakr enables business owners to deal directly with data insights without having to analyze the data themselves.
Streetspotr GmbH	Nuremberg, Germany	Streetspotr is a smartphone app that connects Europe's largest Mobile Workforce. Companies can use the crowd to obtain data and insights from any address in almost real-time.
tvbeat, Inc.	London, UK	tvbeat monitors the behavior of TV viewers and processes this data in real time, making this key information available to cable companies, broadcasters and advertisers.
<hr/> Mobility & Transportation		
Augmentation Industries GmbH	Cologne, Germany	In order to make cars smarter, Augmentation Industries has developed easy-to-install, easy-to-use hardware that enables users to extract car data like fuel status or CO2 emissions in real time.
Graphmasters GmbH	Rahden, Germany	nunav from Graphmasters is an internet-based traffic management solution for navigation devices that actively helps people avoid traffic jams.



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Transmetrics Ltd.	Sofia, Bulgaria	Transmetrics' predictive analytics solution enables cargo transport companies to make prognoses about their future shipping volume. The software learns from the shipping history of other transport customers and uses external forecast data.
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Retail & Consumer		
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42 Technologies, Inc.	Toronto, Canada	42 is an intuitive and dynamic predictive analytics platform for retail brands. It creates customer profiles, identifies key consumers and overall purchase patterns, and then translates this data into tangible, visual results.
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Aentropico	Rio de Janeiro, Brazil	Aentropico's DataApps supports small and medium-sized enterprises by providing ready-to-use reports on key business issues like customer segmentation and promotion planning.
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Avansera Oy.	Helsinki, Finland	Avansera collects consumer shopping intentions and turns this data into real-time predictions of what consumers will buy. It allows retailers and manufacturers to react to market trends and influence them significantly.
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Buzzoek	Amsterdam, The Netherlands	Buzzoek enables brick-and-mortar businesses to instantly create their own customer reward program by using any NFC-enabled card as a loyalty card with no need for pre-registration.
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DropThought, Inc.	Santa Clara, USA	DropThought is a consumer experience management solution that enables companies and retailers to get instant feedback from their clients at the point of sale.
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Infinite Analytics, Inc.	Cambridge, USA	Infinite Analytics has developed a personalization engine for the Web that creates an individual profile for each user based on social network data. This helps to predict user behavior and provide personalized recommendations.
Precifica Preço Inteligente	Sao Paulo, Brazil	Precifica offers a dynamic, real-time pricing platform for e-commerce companies. It helps them to increase conversions and preserve their net margin at the same time.
tectuality GmbH	Stuttgart, Germany	tectuality has developed a solution which allows retailers to track any activity in their stores in real time – be it numbers of visitors, success of campaigns, product pick-rate or comparisons between different branches.
Viewsy	London, UK	Viewsy provides analytics for offline retailers by supplying insights into customer behavior patterns, such as customer loyalty and time spent in the shop.
<hr/> Technology & IT <hr/>		
AppScale Systems, Inc.	Santa Barbara, USA	AppScale Systems' autoscaling platform makes it easier for developers to write scalable web applications. They no longer need to worry about how many servers to purchase, how to configure them, and how to manage them.
CartoDB	Madrid, Spain	CartoDB is a geospatial database in the cloud that allows users to visualize real-time data on maps and share it over the internet.



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Data Virtuality GmbH	Leipzig, Germany	Offering an implementation phase of just a few days and a self-learning structure, Datavirtuality's software is revolutionising the previously established data warehouse concept. Now, any business intelligence front-end system can retrieve all the relevant data rapidly, flexibly and cost-efficiently.
Deltasight	Newcastle Upon Tyne, UK	Deltasight is an innovative analytics platform that aggregates and fuses data from different sources to create a central, global innovations database. It was designed specifically for R&D, business, and technology transfer professionals.
elastic.io GmbH	Bonn, Germany	elastic.io is a cloud integration platform for software vendors that connects various cloud services and automates the data transfer of their customers.
iMath Research S.L.	Bellaterra, Spain	iMath Research bridges the gap between internal company data and external digital data in order to find correlations and patterns that can be transformed into predictive models for a better decision-making strategy.
Intelie	Rio de Janeiro, Brazil	Intelie uses the most modern trend analysis and information correlation technologies to help businesses achieve their strategic goals by avoiding possible mistakes.
MammothDB, Inc.	Sofia, Bulgaria	MammothDB is an inexpensive and enterprise-ready alternative to traditional data warehouse and business analytics solutions, leveraging the power of Hadoop, yet maintaining the benefits of SQL.



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mapegy UG	Berlin, Germany	mapegy provides companies with a compass to navigate the world of high-tech solutions – it keeps new technologies on the radar to help companies make better strategic decisions, showing them exactly which innovations are ideal for leveraging their R&D resources.
Massive Analytic Ltd.	London, UK	Massive Analytic enables organizations to optimally access, compress, transfer, analyze, and store data – for faster and more effective decision-making.
OpenDataSoft	Paris, France	OpenDataSoft is a cloud-based platform designed for seamless and unlimited data re-use, making it easy to publish and share data online.
Radoop LLC	Budapest, Hungary	Radoop is a fully graphical tool with an easy-to-use interface supporting the whole range of big data analytics, from ETL and ad-hoc reporting to predictive analytics.
Real Impact Analytics	Luxembourg, Luxembourg	As an alternative to cash, Real Impact Analytics has developed a mobile money service for poor regions in Africa based on telecommunications data usage.
Speedment AB	Goteborg, Sweden	Speedment is a leading expert in database acceleration. Its solution combines the reliability in existing SQL databases with the speed of a graph database. Searches in a traditional relational database can be made in nanoseconds.
SQream Technologies Ltd.	Ramat Gan, Israel	SQream Technologies uses graphics processors to capture, store, and process big data within seconds – users get data insights 100 times faster than usual.



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Swan Insights sa/nv	Brussels, Belgium	With Swan Insights B2B companies get a 360-degree view of their clients. A smart database solution combines information of individuals' profiles from the social web with the corporate Big Data analysis.
SynerScope BV	Eindhoven, The Netherlands	SynerScope makes data analysis easy for anyone by replacing complex queries with visual representations – a fast and agile software solution for more efficient interactions.