



Top 10 APAC Data Analytics Solution Providers - 2019

As 2019 commences, companies are far more motivated to adopt ambitious analytics trends to amplify the worth of web experience in day-to-day lives. Small and medium-sized corporations (SMBs) are growing more enthusiastic about truly reaping the benefits of data analytics and as a result, are willing to outsource their analytics requirement to data companies specializing in it. In addition to these advancements, this year EU General Data Protection Regulation will come into effect and open up new opportunities for data scientists to explore.

In contrast, as data science are taking a more commercialized approach, tools are closed source, algorithms are proprietary, and technical documentation is scarce. Moreover, a major chunk of the implementers are enterprise developers that lack the traditional numerical methods backgrounds and relentless focus on accuracy and completeness that define the world of scientific code.

Some analytics platforms, especially made by the influential cloud vendors, distinguish themselves through their focus on the completeness and correctness of traditional scientific workflows. These platforms are built as a hybrid between the transparency and the opacity of the commercial and scientific worlds. Although many of the solutions use proprietary source codes, the platforms typically use well-known algorithms, and restore full control over configuration options.

In conclusion, the data analytics landscape has exploded with new solutions and thus zeroing in on the apt one remains an uphill task for a CIO. To help decision makers find the right data analytics solution providers in the APAC region, our magazine's editorial board has selected a list of freight audit and payment solution providers that exhibit innovative technologies and strategies.

We have considered the vendor's ability in building solutions and services that can effectively yet economically account for a productive freight audit and payment solution offering, keeping in mind the factor of time-focused delivery. We present to you CIO Advisor APAC's "Top 10 APAC Data Analytics Solution Providers - 2019."

Company:

Harmonic Analytics

Key Person:

Phil Shepherd

CEO

Phil Royal

Director

Description:

With a focus on quality and integrity, Harmonic Analytics aims to help clients make the best decisions at the right time

Website:

harmonic.co.nz

Harmonic Analytics Innovative Data Analytics

'A picture is worth a thousand words,' goes the saying. New Zealand-based data analytics solutions and services provider, Harmonic Analytics, is built on this precept. Harmonic combines data visualization and advanced analytics to provide insights that lead to informed decision making. The company designs case-specific visualization dashboards that not only simplify the analysis of complex data but also help foster a productive work environment.

Today's data-driven organizations face tremendous difficulty in extracting useful information from disparate data sources. Due to the incessant data deluge and the lack of solutions for analyzing financial and operational data, organizations find it daunting to obtain the right information to boost productivity. With the aim to address current business challenges and improve executive decision making, Harmonic takes the center stage.

Harmonic's data scientists use conventional data analytics as well as innovative methods to improve data quality and deliver tailored solutions faster. "We have an in-depth understanding of the language 'R,' a software environment for statistical computing. We believe that this is our key differentiator in the marketplace," mentions Phil Royal, Director, Harmonic Analytics. With its team of data science experts, Harmonic simplifies complex business challenges through applied analytics that includes time-series analysis, machine learning, and operations research. Multiple industries encompassing aviation, agriculture, energy, utility, telecom and government sectors leverage the company's applied analytics to improve their performance and outcomes.

At the outset of client engagement, Harmonic works with the decision makers to identify core objectives and analyse the quality of their data. Depending on the result of the initial analysis, their data science team determines the most suitable data analytics solution. "In parallel with this process, another team designs visualization tools such as intuitive dashboards that allow clients to consume

and manage huge blocks of information within a stipulated time-frame," says Phil Shepherd, CEO of Harmonic Analytics.

To assist clients in driving ongoing business value, Harmonic provides post solution deployment support. From managing data science team development to providing R training, mentoring, and peer reviews to advanced analytics solutions, Harmonic caters to its clients' data analytics needs in every possible manner.

The efficacy of Harmonic as a proficient data analytics solutions and services provider can be demonstrated with its

plethora of customer success stories. For example, Harmonic helped New Zealand local government (City Council) to manage a major portfolio of assets, popularly known as 'Three Waters' (waste, storm and drinking water). Harmonic worked with the council to improve data quality and developed the right set of data analytics tools. Quality data and efficient tools allowed the council to predict the time and cost of pipe replacement. Harmonic built an asset lifecycle management solution that provides 100 year investment plans across infrastructure assets. These tools contain visualisation dashboards for easy reference, helping the council to plan for the future.

Harmonic has also actively engaged with grid operators and energy companies in New Zealand and Australia to help them manage their assets, monitor alarms or have greater visibility of health and safety goals through sophisticated dashboards. Recently, Harmonic developed the 'Living Standards Framework dashboard' for the New Zealand Treasury. This is an interactive tool presenting indicators of current and future wellbeing that help inform the Treasury's work. "We wanted to develop an innovative dashboard for Treasury, to allow end users to explore data insights in an interactive and creative way," says Shepherd.

For the future, Harmonic is focused on enhancing data quality products and continuing to deliver high quality, advanced analytics solutions to clients. Besides improving data at organizational levels, the company is all set to expand its footprint throughout the globe. 



Phil Royal,
Director