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Goldstone Analytics Bulletin

GE Aviation and Tableau Partner to Better Serve the Airline Industry with Data Analytics

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GE Aviation is expanding its partnership with the business intelligence firm Tableau, the companies announced Tuesday, to provide visual analytics services that can help the airline industry improve fuel efficiency, aircraft safety, and customer experiences.

Targeting both commercial and military airline customers, the new agreement combines Predix, GE's industrial cloud platform, with Tableau's visual analytics capabilities. The new deal makes GE Aviation a global alliance and reselling partner of Tableau.

Tableau's approach to make aviation data accessible and useful to industry. Read More

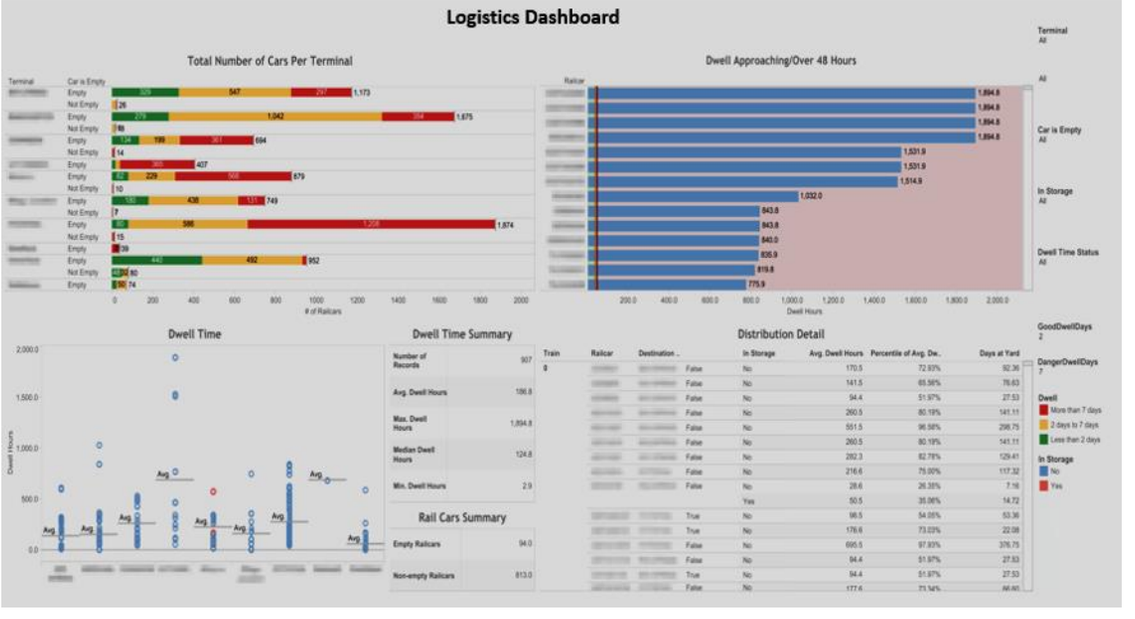
Improve Logistics Performance With Tableau

The client is a leading producer of premium monocrystalline sand. The client owns, operates, acquires and develops sand reserves and related processing, transportation and distribution facilities.

Challenges: The client experienced operational challenges due to a lack of understanding of inventory available for sale at distribution locations causing them to miss out on potential higher markup spot sales. In addition, operations and logistics did not have a good way to identify when and how much inventory is expected at their distribution locations causing delays in processing of inventory and inefficient staffing.

Solution: Tableau allows for quick development and delivery of a solution that can be put in front of stake holders for immediate feedback. The Tableau dashboard created a more real time view of their data as an aggregate with the ability to drill down into the details. The solution supports users in providing a single simple to use interface to get all the information they need in one place, instead of having to interrogate multiple systems and emails when they are alerted to issues. By having all the data in one place and shown visually the dashboards allow for specified exceptions, like projected negative inventory, to be called out in time for the users to take action. The Tableau offering has a very slick interface that contributes to the overall goal of having an addictive interface to help facilitate user adoption.

Dashboard Prepared to overcome the challenges:



The dashboard shows details about rail cars at given locations—what terminal they are at, for how long they're there, and whether that exceeds the expected turnaround time.

Benefit Realized:

The portal solution provides the following features to the business users:

1. Single go-to location for day-to-day operational data needs.
2. Self-service viewing of the defined Key Performance Indicators (KPIs).

3. Self-service viewing of clear and concise high-level interactive dashboards.
4. Enabling users to subscribe to reports.

"Number have an story to tell. They rely on you to give them a clear and convincing voice."

- Stephen Few, Founder & Principal at Perceptual Edge

Cloud computing technology for 2018: Transform or die.

Oracle roadshow keynoters count six alternative routes to adopting cloud computing technology, and they note that the best implementations demand a deep understanding of the customer.

Cloud computing technology is creating business opportunities so radically new and different that they can be built only if we junk much of what we know, how we operate and even how we think - everywhere in the enterprise, not just within IT. In other words, transform or die.

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How Bitcoin Unexpectedly Improved the Integrity of Big Data

Most of the articles focus on the changes big data brings to various industries. We don't focus as much on the impact other forms of technology have on big data, but perhaps we should. One factor that we should pay attention to is the role bitcoin plays in the future of big data.

There are a couple of ways that bitcoin has impacted Big data already and will continue to do so in the future. Let's take a look at them.

- Block chain Improves Big Data Integrity,
- Using Bitcoin Technology for Data Mining, and
- Bitcoin Has Created New Opportunities for Big Data. Read More

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