

Examples of Data Visualization

(All examples were created within Excel[®])

Business Applications

Although these examples were developed for business clients,
they can be equally applicable to healthcare applications

Easy to interpret summary information



Detailed information about each individual order

This INFOGRAPHIC screen is designed to show what orders are arriving at the user's facilities. The top section is designed to be printed and displayed on a bulletin board in the warehouse so everyone is aware of what orders are coming in.

The total amount of raw material is broken down, in the four charts, by:

- “ facility location
- “ transportation mode
- “ supplier
- “ supplier product name (i.e., “brand” name)
- “ generic product name (same product across different suppliers)

The user has total control as to what orders are included in the infographic. By clicking on the Setting section, this report can be tailored to:

- “ specific location
- “ transportation mode
- “ shipping date
- “ specific brands, generics or supplier

Performance Dashboard

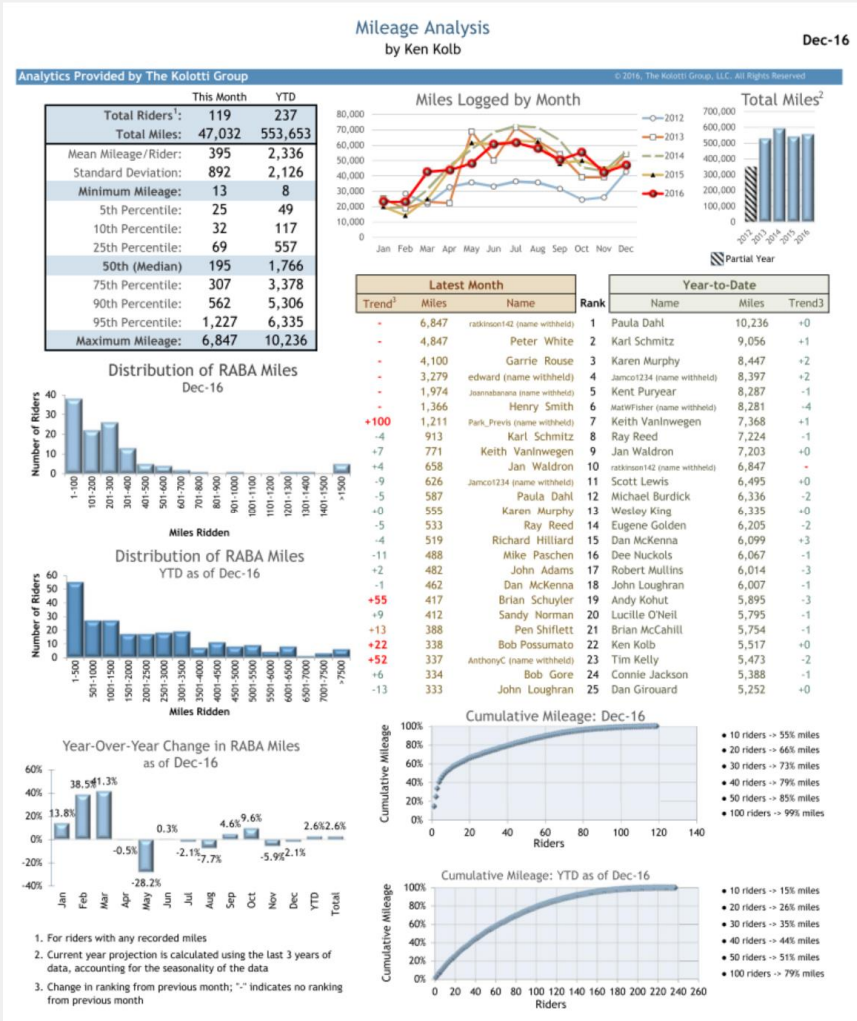


The DASHBOARD screen displays a series of performance gauges and list detailed information for only the metrics that you decide are critical for you to evaluate each day.

In this example, the user has decided to display potentially overdue invoices and ISO containers that arrived at port more than 10 days prior but have not yet been delivered to the facility. The items included in the DASHBOARD can be customized for each user.

The “Fire Alarm” is generated at the time you open the application. You can specify which metrics to include in the “fire alarm” If there are any items found in the reports you specified, then the “fire alarm” prompt will be displayed.

Summary information about the items in the “fire alarm” will be listed at the top of the report and in the performance gauges—detail information will be listed below the gauges.

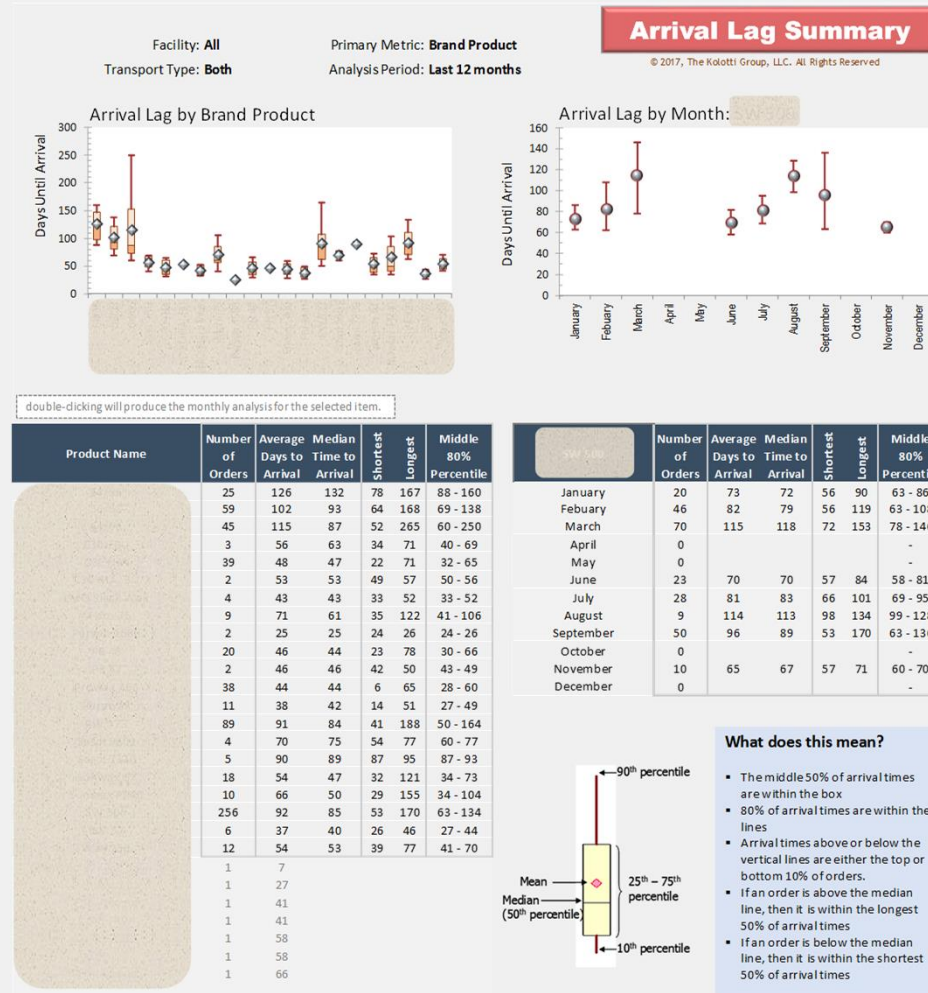


Snapshot Analysis

Monthly mileage analysis for a road biking organization. Contains overall club information as well as individual statistics.

- Contains:
- " Descriptive statistics
 - " Distribution analysis
 - " Year-over-Year changes
 - " Trend analysis
 - " Disproportionate contribution (cumulative mileage)

Comparative Variance Analysis



The Arrival Lag Summary report calculates and displays the interval between placing an order and when the order is received.

The report lists information about the average time it takes for orders to arrive at the facility and shows the variability of the lag time.

There are many descriptive statistics in the Transit Time report. The goal is to see if patterns might emerge from the data.

In this report, we are primarily interested in determining what factors influence the time between ordering and receipt of the order. The primary factors examined were supplier, product, load location, and month of ordering.

