



SAILFISH EXPLORE

Analyze and Discover Data

While the field of data science has improved the way we use our data, the volume, velocity, and variety of modern data has made pulling tangible insights from this sea of information more difficult than ever.

DATA SCIENCE MADE ACCESSIBLE

Booz Allen's Sailfish™ Family is an end-to-end solution designed to help organizations address their toughest analytical challenges. *Explore* is an advanced analytic platform that lowers the barrier for entry into data science. *Explore* offers users of all skill levels powerful, accessible analytical tools to get more out of their data.

WHY SAILFISH EXPLORE?

Many organizations aspiring to use analytics to optimize their business are challenged by the fact that their staff with the most institutional knowledge may not have the technical expertise needed to wield expert-level analytics tools. This limits their ability to help answer tough questions. Data scientists, on the other hand, have a deep knowledge of statistics and computer science, but don't always have insights into the most inner workings of institutions. Simply stated, *Explore* addresses this gap.

By building a connection between data scientists and decision makers, *Explore* gives staff the ability to find value in data, regardless of skill set. Decision makers can

use *Explore*'s natural language interface to ask simple questions and find answers from their data. A more seasoned analyst can use the "Build" interface to construct sophisticated analytic workflows. These two interfaces are connected through a community support feature that enables team members to work together—or with Booz Allen's bench of over 500 data scientists—to discover radical insights that can help improve their organization.

EASILY INTERACT WITH DATA

Explore lowers the barrier for entry into machine learning and advanced analytics by removing the need for coding experience or a degree in mathematics. Business users and data scientists alike can derive value using two interfaces:

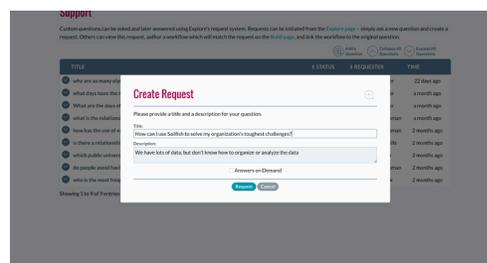
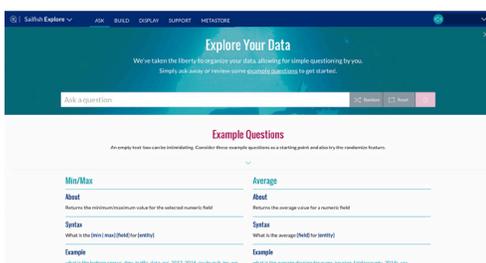
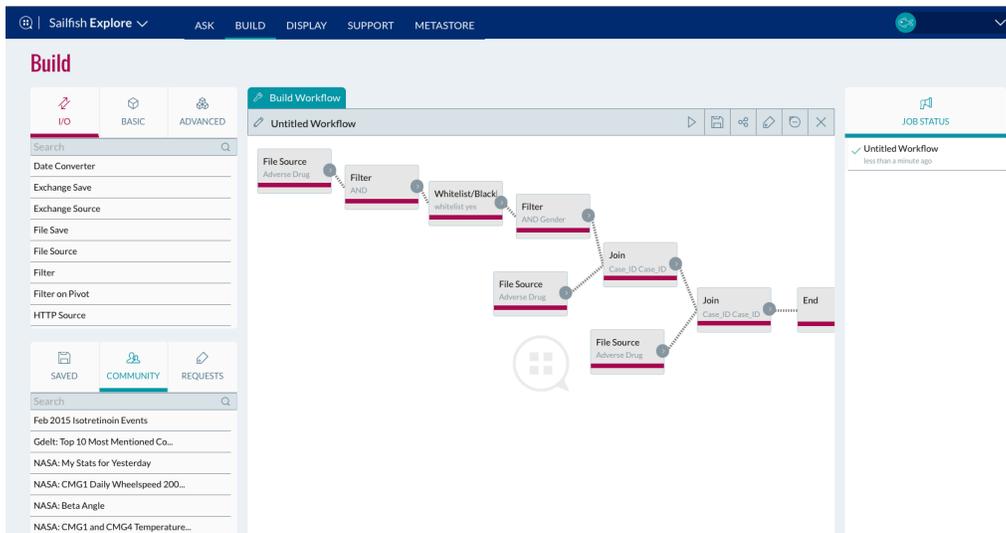
1. Explore Interface

- + Speak English, Not SQL with the "Explore" interface to ask questions in a more natural way
- + Use Autocomplete to help find the right questions to ask
- + Follow-up on questions when it's time to drill deeper into data
- + Use built-in visualizations to explore data visually

For More Information:

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About Booz Allen

Booz Allen Hamilton has been at the forefront of strategy and technology for more than 100 years. Today, the firm provides management and technology consulting and engineering services to leading Fortune 500 corporations, governments, and not-for-profits across the globe. Booz Allen partners with public and private sector clients to solve their most difficult challenges through a combination of consulting, analytics, mission operations, technology, systems delivery, cybersecurity, engineering, and innovation expertise.

With international headquarters in McLean, Virginia, the firm employs more than 22,500 people globally, and had revenue of \$5.27 billion for the 12 months ended March 31, 2015. To learn more, visit www.boozallen.com. (NYSE: BAH)

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2. Build Interface

- + Build a custom analytic workflow by connecting modules ranging from the simple (count, average) to the complex (k-means clustering, linear regression)
- + Save workflows and share them with others
- + Store results for future analyses

Explore does not ingest data, because it is designed to sit on top of existing big data storage solutions, such as Hive or HDFS. Additionally, a plug-in architecture allows for custom integration, accommodating any organization's unique authentication, hosting, and analytical needs.

BUILDING A DATA SCIENCE CULTURE

Booz Allen's *Sailfish* Family is composed of two applications to help organizations grow

a data science capability, paired with services from a team of 600 data scientist to help with the transition:

- + **Exchange:** A data curation social network connecting users across an organization engaged in finding, collecting, and sharing their data
- + **Explore:** An advanced analytic platform designed to lower the barrier to entry into data science
- + **Answers on Demand:** With 600 data scientists on hand, Booz Allen provides experienced support for all data science and analytical needs

Booz Allen's *Sailfish* Family is a true end-to-end analytics solution, pairing products and services to help organizations achieve radical gains through data science.

To learn more, please visit www.boozallen.com/sailfish.