**Using Data Governance to Shop for Data**

Demo Overview

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# Demo Overview

This demo is targeted at Line of Business (LOB) business analysts and data scientists who have difficulty finding the data necessary to performance data analysis. Once they find the data they need, these users prefer to create their own customized dataset in a personal “sandbox” to work on. These business analysts also frequently need to perform quick visual analysis on new data, but are handicapped by existing visualization tools which often need extensive setup, customization, and training to use.

Data governance allows anyone in a corporation to explore corporate repositories and other assets. Governed data provides descriptions of the various terms and assets, along with other information such as data quality, data source, data lineage, and data steward. Corporate policies can be linked to data and terms, along with policy-based rules governing the underlying data. Without data governance, LOB users must hunt for data on their own, often having to chase down particular individuals who have the desired information.

Once LOB users find the data they need, it is often locked in a corporate repository and only accessible through approved corporate interfaces and tools. Business users who want to create their own repositories may have no easy way to create a customized extract, and must rely on IT to create extracts for them.

When a business analyst is able to create a custom dataset, they are then faced with reporting and visualization tools that are difficult to set up and use. They need a quick and easy way to perform intuitive analysis.

IBM provides tools that address all of these issues. Information Governance Catalog provides a central repository for governing data, Bluemix Data Connect (name is changing to Data Refinery) provides an easy-to-use ETL service for LOB users, and Watson Analytics provides intuitive cognitive data analysis and visualization. All products are available as a service. IGC is available either on-prem, hosted, or as a service with an optional charge.

# Setting up the Demo Environment

## Solution Architecture



## Software Requirements

* CAP IIS image on Softlayer
* Bluemix account with DashDB and Data Connect
* Watson Analytics account

## Data Assets

See the “Demo Setup” document for detailed instructions on configuring the demo.

## Solution credentials

|  |  |  |
| --- | --- | --- |
| Product | URL/Location | Log-in Credentials |
| IGC |  | Isadmin / inf0server |
| Bluemix Data Connect / Watson Analytics |  | IBM intranet ID |



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