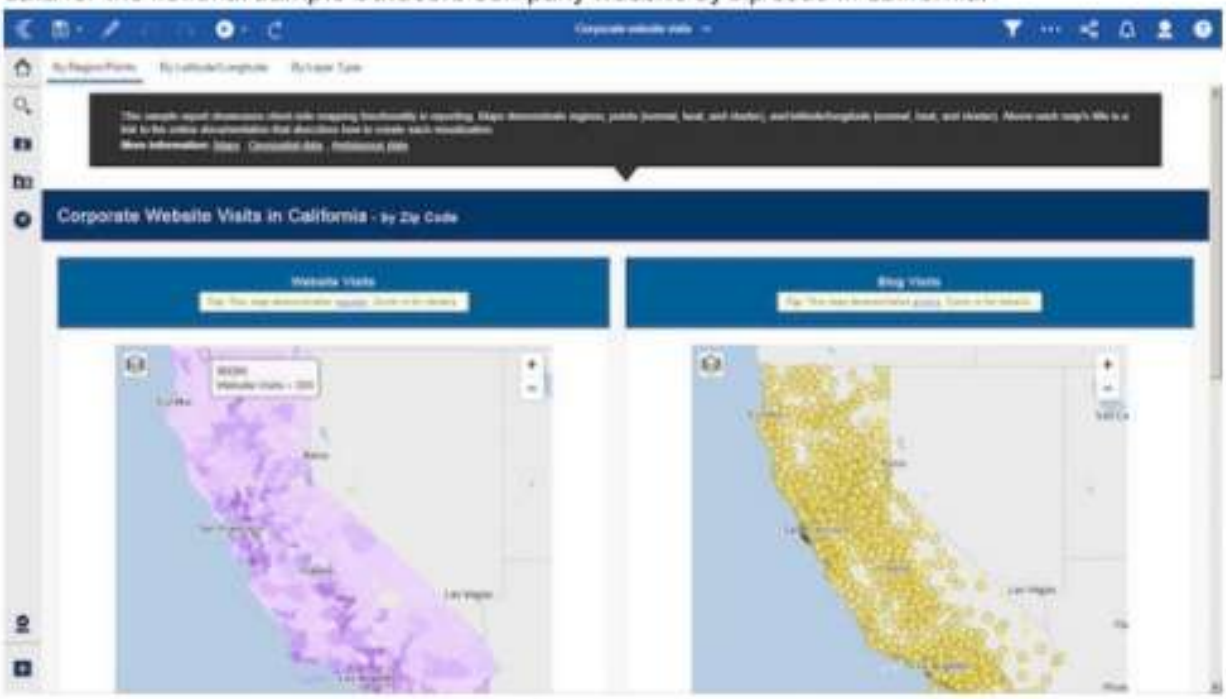
Key features of this report include: text items, maps with regions, clustered bar visualizations, clustered column visualizations, lists, conditional styles, sort, calendar, relative dates, and tabs.

11.3.0 - 11.3.4 The Boston 311 report can be found here: `Team content > Samples > Relative dates > Boston 311 report`.

11.3.5 This sample is located here: `Team content > Samples > By feature > Relative dates > Boston 311 report`.

Corporate website visits report sample

This sample report shows client side mapping functionality. Maps demonstrate regions, points (normal, heat, and cluster), and latitude/longitude (normal, heat, and cluster). The maps display 2016 website visit data for the fictional Sample Outdoors Company website by zip code in California.



Key features of this report include: maps with regions, maps with points (normal, heat, cluster), maps with latitude/longitude (normal, heat, cluster), tabs.

11.3.0 - 11.3.4 The corporate website visits sample report can be found here: `Team content > Samples > Reports > Corporate website visits`.

11.3.5 This sample is located here: `Team content > Samples > By feature > Core > Reports > Corporate website visits`.

Customer lifetime value analysis report sample

This sample standard report features 11.1 visualizations with various display types.

Key features of this report include maps, floating bar visualizations, heatmap visualizations, waterfall visualizations, bubble visualizations, network visualizations, radial visualizations, river visualizations, bullet visualizations, area visualizations, hierarchy packed bubble visualizations, word cloud visualizations, radar visualizations, Marimekko visualizations, 11.1 visualizations, legends, page footers, and tabs.

11.1.0 - 11.1.4 The customer lifetime report can be found here: `Team content > Samples > Reports > Customer lifetime value analysis`.

11.1.5 This sample is located here: `Team content > Samples > By industry > Insurance > Reports > Customer lifetime value analysis`.

Guided journey template story sample

This sample story uses the guided journey template for laying out its contents.

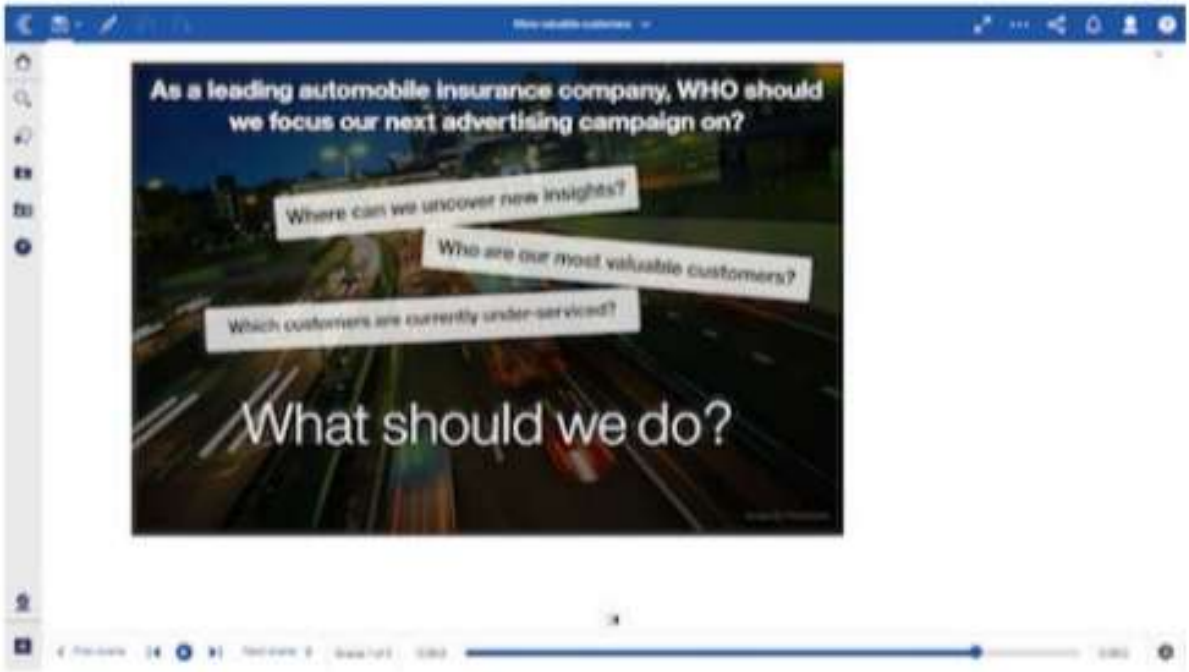
Key features of this sample include: Scene, Animation Effects, Highlighting data, Text, Shape, Summary Widget, Summary Widget with Shape, Image, Stacked Column visualization, Highlight, Timeline, Animation type, Animation duration, List visualization, Filter, Entrance animation, Exit animation

11.3.0 - 11.3.4 This sample can be found here: `Team content > Samples > Stories > Guided journey template`.

11.3.5 This sample can be found here: `Team content > Samples > By industry > Insurance > Stories > Guided journey template`.

More valuable customers story sample

This sample story about deciding on an advertising strategy for recruiting more valuable customers is intended to showcase the main features of stories.



Key features of this sample include Pie visualization, Color palette, Animation Effects, Highlighting data, Text, Shape, Summary Widget, Image, Stacked Column visualization, Highlight, Timeline, Animation type, Animation duration, List visualization, Filter, Entrance animation, Exit animation, Bar visualization, Scene transition, Sweeps, and scenes.

11.1.0 - 11.1.4 This sample can be found here: `Team content >Samples > Stories > More valuable customers`.

11.1.5 This sample can be found here: `Team content > Samples > By industry > Insurance > Stories > More valuable customers`.

Importing the base samples

Easy Install of IBM Cognos Analytics installs and imports the base samples for you. If you didn't use Easy Install to install Cognos Analytics, then you must import the base samples from the installation location.

Procedure

1. Locate the deployment archive for the base samples in the installation location:
   `cognos_analytics_server_install_location\samples\deployment\samples_current`
2. Copy the deployment file into your deployment folder:
   `cognos_analytics_server_install_location\deployment`
3. Go to **Manage** > **Administration console** and open **IBM Cognos Administration**.
4. On the **Configuration** tab, click **Content Administration**.
5. On the toolbar, click the **New Import** icon.
6. Select **Samples_for_Install_11_x_x** in the first step of the **New Import** wizard and complete the remaining steps of the wizard using the defaults.

Results

After you import the base samples, you'll see the following folders in **Team content** in your Cognos environment:

Version 11.1.0 - 11.1.4	Version 11.1.5 +
`Team Content > Calendars`	`Team Content > Calendars`
`Team Content > Get Started`	`Team Content > Samples`
`Team Content > Samples`	`Team Content > Templates`
`Team Content > Templates`	`Team Content > The Weather Company, an IBM Business`

The base samples supporting files are installed to the *cognos_analytics_server_install_location*\samples folder. This folder contains several sub-folders that contain the samples and associated data from where you import them in to Cognos Analytics.

data
: This folder contains the source files for the data included in the `Samples_for_Install.zip` deployment.

deployment
: This folder contains the `Samples_for_Install.zip` deployment. This file is also installed in the deployment folder for the Cognos Analytics server installation.

embedded_content
: This folder contains the authentication sample with embedded content. For instructions on how to use this sample, see the topic on sharing and embedding Cognos Analytics content in the *IBM Cognos Analytics Getting Started User Guide*.

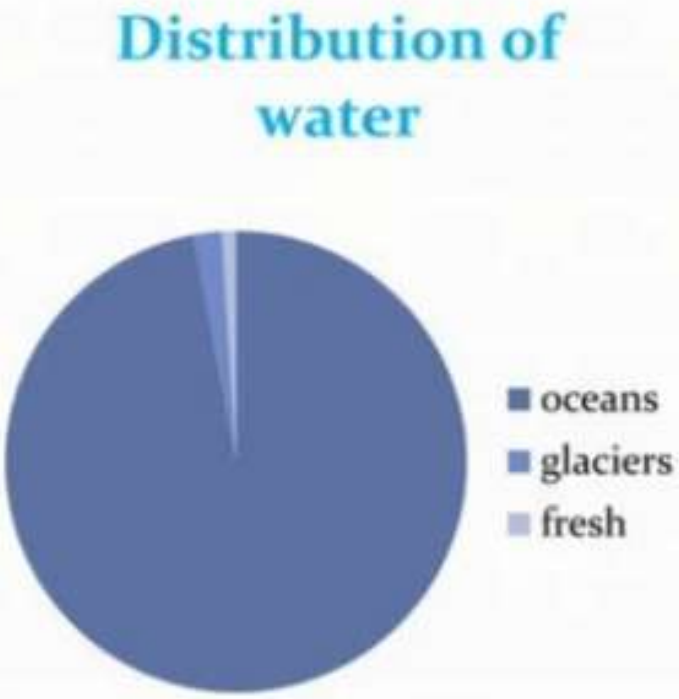
extensions
: This folder contains the customization extension samples. For instructions on how to use these samples, see the customization samples topic in the *IBM Cognos Analytics Managing User Guide*.

JavaScript
: This folder contains the JavaScript samples. For instructions on how to use the samples, see the PDF file included in the folder.

themes
: This folder contains the customization theme samples. For instructions on how to use these samples, see the customization samples topic in the *IBM Cognos Analytics Managing User Guide*.

HYDROSPHERE

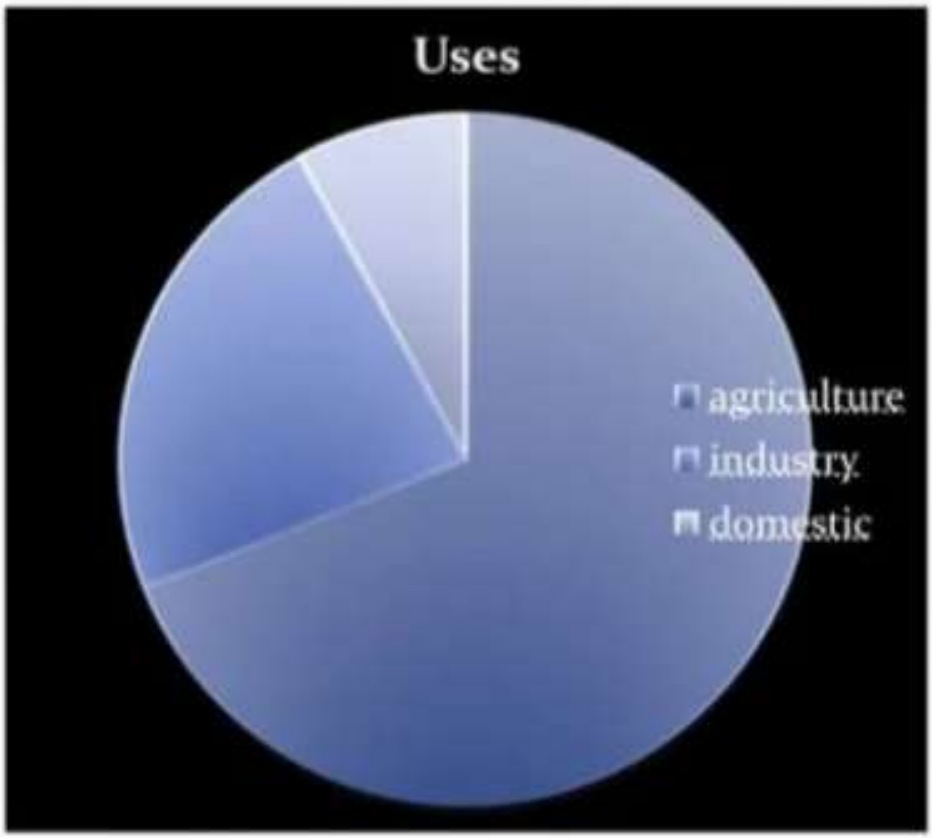
- It Contain all the water resources
- It include (Oceans,Rivers,lakes,Glaciers,Ground Water etc)
- Oceans contain 97%,high salt contents, not useable
- Glaciers contain 2%
- Fresh water (surface water,rivers,lakes,ground water) 1%



Fresh water consumption

1% fresh water is consumed as

- 69% is used in agriculture
- 23% is used in industries
- 8% is used for domestic purpose



Water Quality

- Water quality refers to the chemical, physical and biological characteristics of water
- Another general perception of water quality is that of a simple property that tells whether water is polluted or not.
- It is a measure of the condition of water relative to the requirements of one or more biotic species and or to any human need or purpose.
- The most common standards used to assess water quality relate to health of ecosystems, safety of human health and drinking water.
- In fact, water quality is a complex subject, in part because water is a complex medium.

Water quality parameter

- are considered of primary importance to the quality of drinking water
- the EPA drinking water standards are categorized as primary drinking water standards and secondary drinking water standards
- Primary drinking water standards regulate organic and inorganic chemicals, microbial pathogens, and radioactive elements that may affect the safety of drinking water
- Secondary drinking water standards regulate chloride, colour, copper, corrosivity, foaming agents, iron, manganese, odour, pH, sulfates, total dissolved solids, and zinc, all of which may affect qualities of drinking water like taste, odour, colour, and appearance.

BIOLOGICAL ASSESSMENT

- Biological attributes refer to the number and types of organisms that inhabit a waterway
- Bioassessment of
- macro invertebrates is a procedure that uses inexpensive equipment, is scientifically valid if done correctly,
- Bioassessments can provide benchmarks to which other waters may be compared and can also be used to define rehabilitation goals and to monitor trends
- Method (Sample+TSB+25 to35C+72 Hours)

DO

- Oxygen saturation or dissolved oxygen (DO) is a relative measure of the amount of oxygen that is dissolved or carried in a given medium
- It can be measured with a dissolved oxygen probe such as an oxygen sensor or an opted in liquid media, usually water. The standard unit is milligrams per litre (mg/l) or parts per million (ppm).
- Also known as Oxy.saturation
- Prob are like fule cell.semipermiable membrine

Chemical Assessment

- Commonly measured chemical parameters include pH,alkalinity , hardness, nitrates, nitrites and ammonia, ortho and total phosphates, and dissolved oxygen and biochemical oxygen demand
- Chemical measures can also be used to detect imbalances within the ecosystem.
- In addition, some "chemical" measurements actually indicate the physical presence of pollutants in water. These include measurements such as conductivity and density.