Cognos 11

Lesson 05: Analysis & Event Studio(Legacy Studios)

Module Objectives :

- Analysis Studio

  1. What is Analysis Studio ?
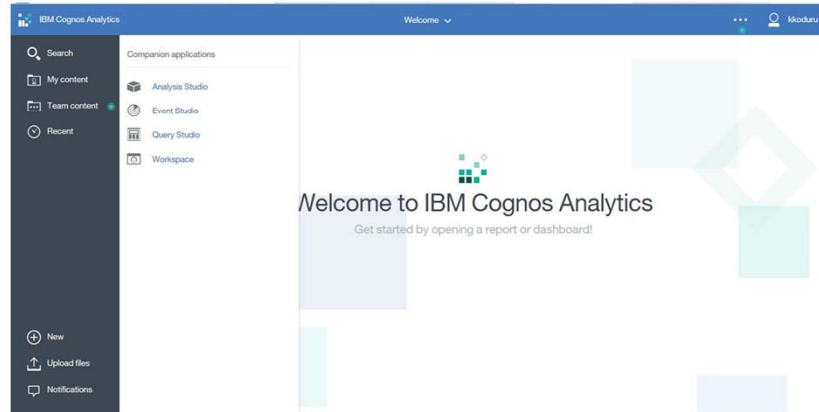 2. Analysis Studio simple report

- Event Studio

  1. What is Event Studio ?
  2. Simple Event Creation.
  3. Schedule and Trigger Events Studio Agents.

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Analysis Studio

- User Interface
  - Access the Analysis Studio tool from the Cognos Analytics web portal.

Analysis Studio

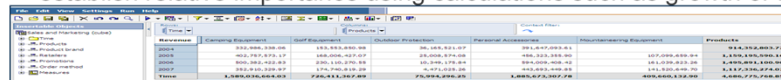- **What is Analysis Studio?**
  - A web based reporting tool in which users can explore and analyze data from different dimensions of their business. Users can also compare data to spot trends or anomalies in performance. IBM Cognos Analysis Studio provides access to dimensional, online analytical processing (OLAP), and dimensionally modeled relational data sources.
- **Key Capabilities**
  - Self Service Reporting: find and focus on items that are important to your business
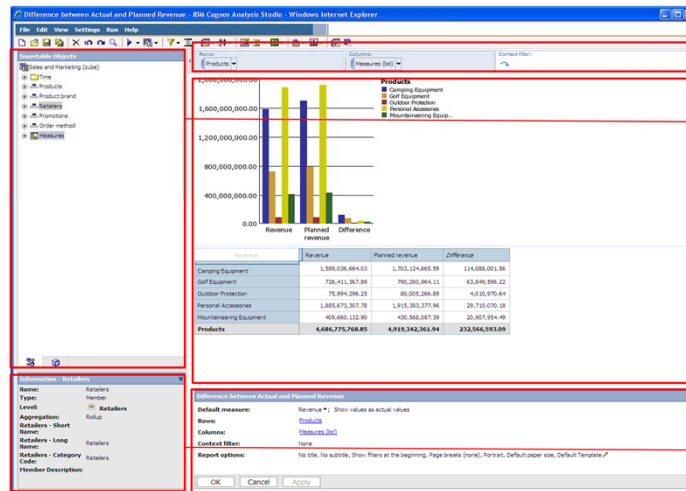 - Share findings: User can create his own reports and share them in different formats.
- **Benefits**
  - understand trends and anomalies
  - compare data, such as details to summaries, or actual results to budgeted results
  - assess performance by focusing on the best or worst result
  - establish relative importance using calculations such as growth or rank
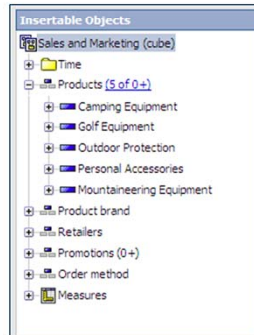

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Analysis Studio

Analysis Studio

- The Data Tree displays a dimensional view of your data, organized into dimensions, hierarchies, levels, and measures.

Insertable Objects
- Sales and Marketing (cube)
  - Time
  - Products (5 of 0+)
    - Camping Equipment
    - Golf Equipment
    - Outdoor Protection
    - Personal Accessories
    - Mountaineering Equipment
  - Product brand
  - Retailers
  - Promotions (0+)
  - Order method
  - Measures

Insertable Objects
- Analysis items
- Custom sets
  - Sales Territories
  - Sports Products

| Data | Analysis Items |

- The Analysis Items tab contains items created during analysis, such as custom sets and named sets

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Analysis Studio

- Information Pane
  - The Information pane displays the name, level , attributes, and aggregation associated with the selected item in the data tree

Information - James Ross-Hythe ⮟	
Name:	James Ross-Hythe
Level:	Staff name
Aggregation:	Rollup

  - • Aggregation types for measures are sum, count, count distinct, count nonzero, and none.
  - • Aggregation types for other items are rollup and computed.
- Properties Pane
  - The Properties pane provides a comprehensive view of the cross tab or selected set in the work area.
  - Specify the number of items to show
  - Create a user-defined filter
  - Sort data
  - Unhide data

Difference between Actual and Planned Revenue

Default measure:	Revenue ▾ ; Show values as actual values
Rows:	Products
Columns:	Measures (list)
Context filter:	None
Report options:	No title, No subtitle, Show filters at the beginning, Page breaks (none), Portrait, Default paper size, Default Template

OK   Cancel   Apply

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Analysis Studio

- Exploring Data
  - Work area by default consists of a crosstab.
    - Each box in the Rows area and Columns area represents one or more sets in the crosstab.
    - Data exploration can be done by dragging and dropping the elements from the data tree to either in the crosstab or the overview area.
  - In the Overview Area,
    - Stacked sets appear as a single box labeled Combination.
    - Selection-based set appears as a box with list appended to the label.
    - The context specifies is applied as a whole to the work area.
  - For focused analysis we can have following features as
    - Drilling up and down
    - Going to another report or package
    - Showing values as percentages
    - Sorting values
    - Showing values graphically in charts

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Analysis Studio

- Unnecessary data can be removed using
  - Filter values to displays only the data you want to view
  - Exclude items to eliminate unwanted information
  - Apply a top or bottom rule, when analyzing a large amount of data
  - Create a user-defined filter to limit the items displayed to those that meet a specific criteria
  - Remove rows or columns containing only missing value
- The different types of context filters can also be applied
  - Zero Suppress Filter
  - Top/Bottom Filter
  - Exclude
  - User-defined Filters

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Event Studio

- In Event Studio, you set up agents to monitor your data and perform tasks when business events or exceptional conditions occur in your data that must be dealt with.

- When an event occurs, people are alerted to take action. Agents can publish details to the portal, deliver alerts by email, run and distribute reports based on events, and monitor the status of events.

- For example, a support call from a key customer or the cancellation of a large order may trigger an event, sending an e-mail to the appropriate people

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Q & A

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Thank You

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