

COGNOS ANALYTICS (11.0.9) NEW FEATURES

Cognos User Group

May 8, 2018

PREFACE

- Conceptual Overview **not** a How-to Training
- Sources
 - [IBM Cognos Analytics Knowledge Center \(User Manual\)](#)
 - [IBM Cognos Analytics Community Blog](#)
 - Trial & Error

AGENDA

- New Data Features
 - Uploaded Files
 - Data Sets
 - Data Modules
- New Reporting Features
 - Dashboards
 - Stories

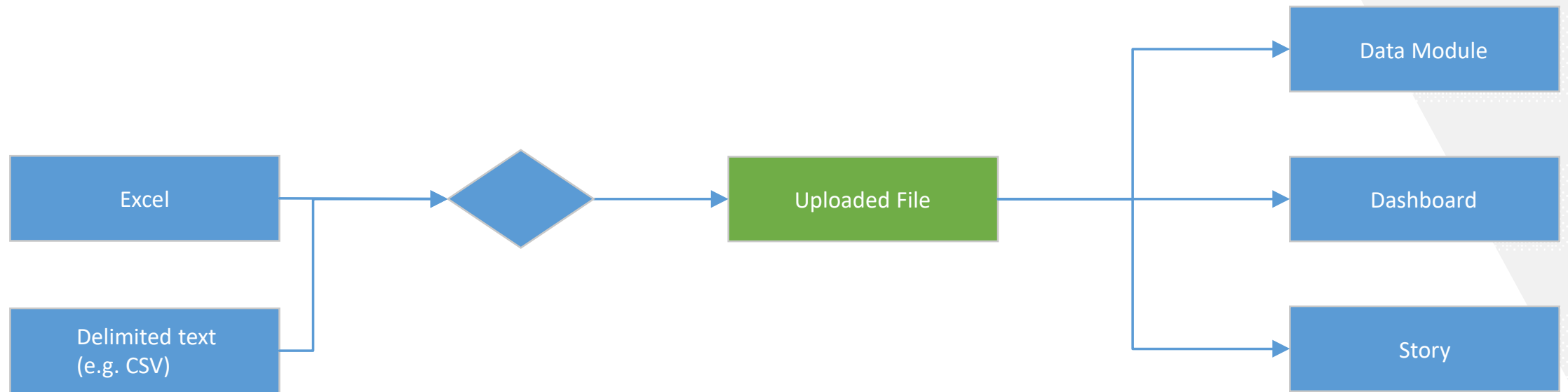
UPLOADED FILES

- If you want to do some quick analysis and visualizations with data files, you can upload them to IBM Cognos Analytics yourself
- Microsoft Excel
 - Excel files will always use the first sheet
 - Password-protected Excel files are **not** supported
 - Excel file formats prior to 2003 are **not** supported
 - Data must be in columnar form; crosstabs are **not** supported
- Delimited text files (e.g. comma, tab, semicolon, or pipe separated values)

UPLOADED FILES (CONTINUED)

- Current size limitation is 100 MB
- Columns with text or BLOB data are truncated to 100 characters during import
- Imported to My content, but can be moved to Team content
- Can be used in dashboards, stories, and data modules, but **not** directly in reports
- To use in a report, it must be incorporated into a data module

UPLOADED FILES (CONTINUED)



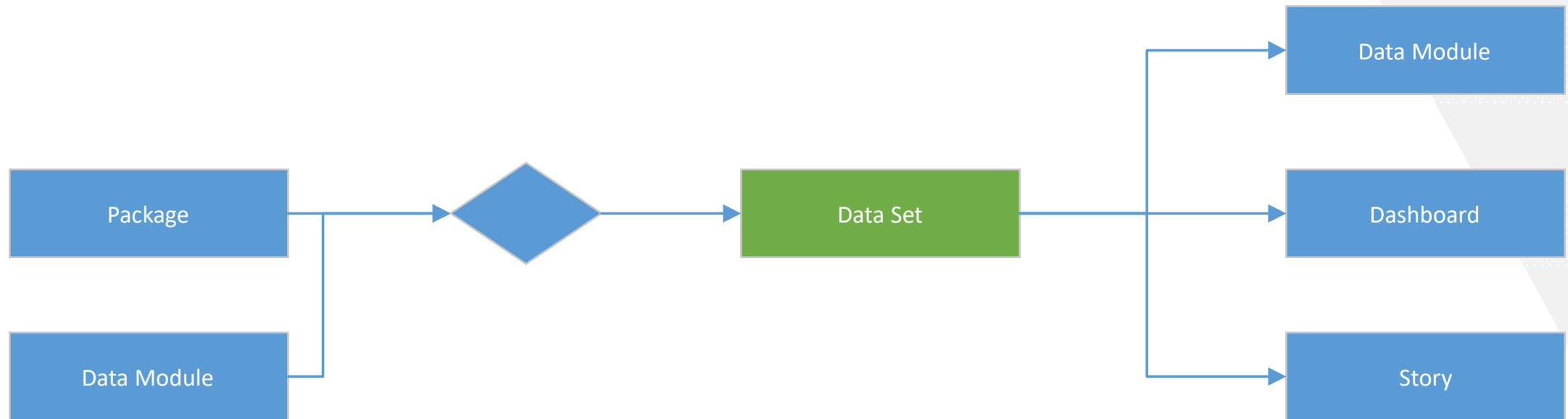
DATA SETS

- Create a data set to **group, aggregate, and filter** items that you use frequently within a package or data module
- Condenses the data into fewer rows, and all else equal, fewer rows lead to **better performing** reports and dashboards
- **Retain a version of the data** at a specific time

DATA SETS (CONTINUED)

- You can refresh a data set on-demand, or on a schedule
- Transformations that take a long time can be completed overnight so they're ready-to-use first thing in the morning
- Administrators can limit the size of any single data set, and the total volume that any one user can occupy on the system
- Data sets can be used by data modules, dashboards and stories

DATA SETS (CONTINUED)



DATA MODULES

- Data modules is a web-based data modeling feature that can fuse together many sources of data (e.g. packages, uploaded files, data sets, other data modules)
- In a simple use, you can **include** many sources without performing any data modeling, for the purpose of having many data sources available to a report author
- In a complex use, you can **join** data sources, and/or create custom calculations and filters

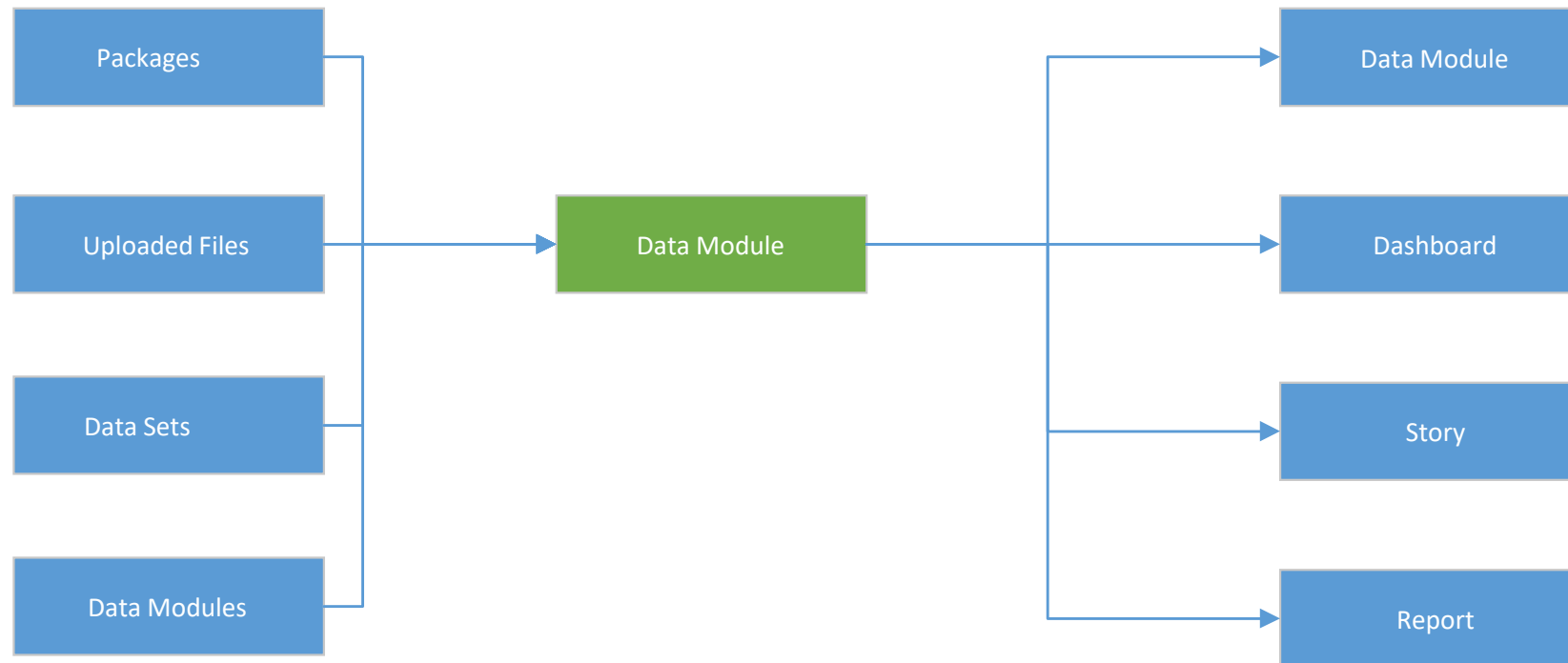
DATA MODULES (CONTINUED)

- The data and metadata from sources is **referenced***, not copied, so if underlying sources are changed, it will effect the data module
 - If a referenced **data set** is deleted, the data module becomes unusable. If the other sources are deleted, the data module becomes partially invalid.
 - *Data modules **can** be an exception to this rule. You can “Break link”, forcing the metadata to be **copied** into the new data module.

DATA MODULES (CONTINUED)

- Data modules honor the security of packages
- Data modules can be shared if they are saved in a folder that other users can access
- Data modules can be used in reports, dashboards, stories (and other data modules)

DATA MODULES (CONTINUED)

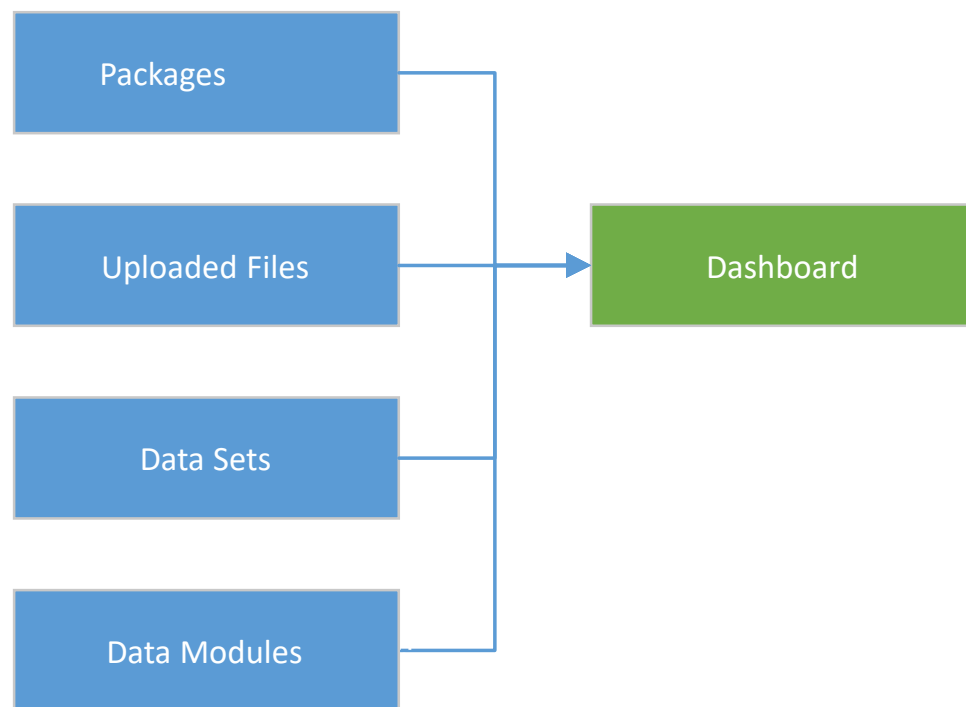


*Sources can be joined **except** packages can't be joined with other packages

DASHBOARDS

- Explore powerful visualizations of your data in IBM Cognos Analytics and discover patterns and relationships that impact your business
- Then communicate the insights that you've discovered in a dashboard and share it with others

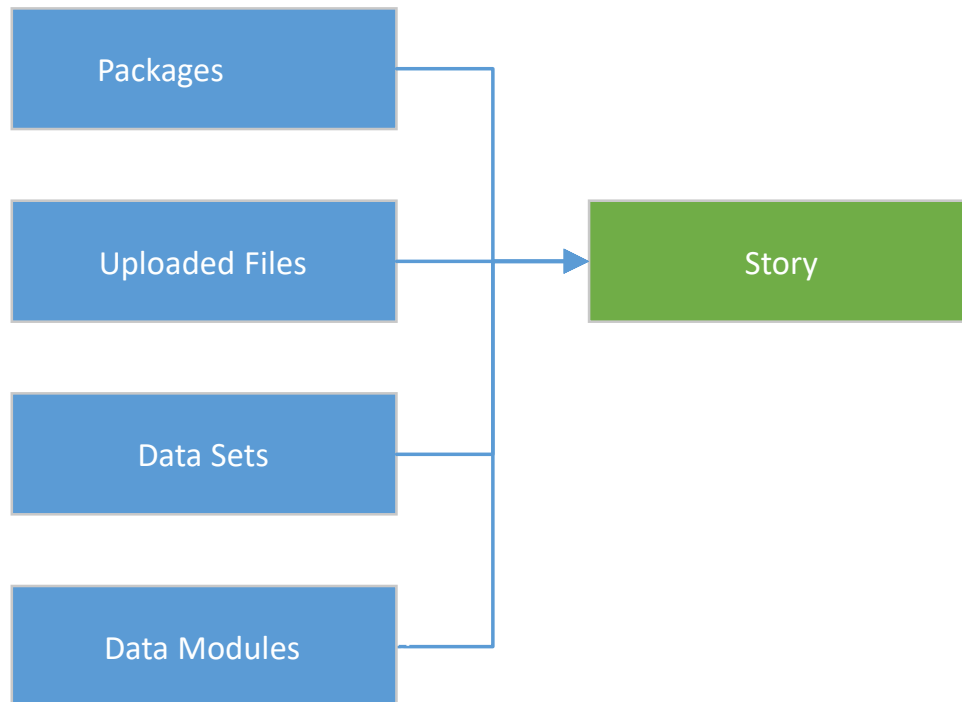
DASHBOARDS (CONTINUED)



STORIES

- A story is a type of view that contains a set of scenes that are displayed in sequence over time
- Stories are similar to dashboards because they also use visualizations to share your insights
- Stories differ from dashboards because they provide an over-time narrative and can convey a conclusion or recommendation
- You can also create the effect of animation by having visualizations and objects appear and disappear during a scene in a story

STORIES (CONTINUED)



SOURCES & ADDITIONAL INFO

- [Get started video tutorials and samples](#)
- Uploaded Files
 - [Uploading data](#)
 - [What types of files can be uploaded into Cognos Analytics?](#)
- Data Sets
 - [Creating data sets](#)
 - [Grab a Slice of Data: Cognos Analytics 11.0.4 Unveils Data Sets](#)
- Data Modules
 - [Data modeling in Cognos Analytics](#)
 - [Modeling Enhancements in #Cognos Analytics 11.0.5](#)
 - [Data Modelling enhancements in #Cognos Analytics 11.0.7](#)

SOURCES (CONTINUED)

- Dashboards
 - [Dashboards](#)
 - [Dashboard Enhancements in Cognos Analytics 11.0.6](#)
 - [What's new in Dashboarding for #Cognos Analytics 11.0.7?](#)
 - [#Cognos Analytics 11.0.8: What's new in dashboards](#)
- Stories
 - [Stories](#)
 - [Introducing Storytelling in IBM Cognos Analytics 11.0.4](#)
 - [Tell stories that resonate with Storytelling enhancements in #Cognos Analytics 11.0.7](#)
 - [#Cognos Analytics 11.0.8: What's new in storytelling](#)

QUESTIONS?