

# Cognos analytics v11.1 R5

Uncover Insights & Build Dashboards using IBM Cognos Analytics

Create amazing Dashboards using Cognos Analytics

By Abhishek Sanghani

Prologue

Cognos Analytics v11.1 R5 is the latest version of IBM Cognos Analytics offering. It is now in reach of individuals and small enterprises with the cloud version, costing only $15 a month. Of course, this tool is still very popular in the big organisations like Banks and Pharmacy Companies as their Enterprise Tool for Reporting and Analytics.

Since the launch of Cognos Analytics v11, IBM has added several new features. This course covers the latest features added upto Release 5 (March 2020). It is focused on the Dashboard Tool, and it is suitable for a wider audience right from end-users who are simply consumers of data, to the power-users that analyse data and create dashboards for consumption, as well as for IT developers who deliver high quality reporting solutions.

It is a next-generation, sleek, unified tool that provides end users, power-users and IT professional a fast, intent-driven dashboard and reports authoring interface on top of the strong foundation that IBM Cognos has proved over decades.

ENVIRONMENT & SUPPORTING FILES

**D**

ata: I have provided the Supporting Data Files in CSV formal. You need to use them during the course.

**E**

nvironment: Minimum Requirement is Connection to Internet and Ability to the IBM Cognos Analytics in Cloud. Free Trial Version will suffice.

**F**

iles: There is no separate Source Code required. However below I have provided some Code Snippets, Syntaxes and URLs below which will be handy for the learners.

**Section 1:**

**Goal:**

Learn to understand what is Analytics, why and where it is used. Then learn about Cognos Analytics deployment options and create a free account.

**References:** <https://www.ibm.com/blogs/business-analytics/cognos-analytics-deployment-options/>

**Syntax:** Not applicable

**Section 2:**

**Goal:**

Create first Dashboard and understand how Welcome Portal works. Compare old and new Cognos versions and their terminologies.

**References:** Not applicable

**Syntax:** Not applicable

**Section 3:**

**Goal:**

In this section, you will learn how to upload data into Cognos Analytics and use it in the Data Modules. The CSV files supplied with the course will be required for this Section and for rest of the course.

**References:** Not applicable

**Syntax:** Not applicable

**Section 4:**

**Goal:**

Understand how to model data in the Data Module. Important concepts of Relationships, Cardinality, many-to-many join, creation of Calculation, Hiding Data items will be covered.

**References:** Not applicable

**Syntax:** For Video 4.3 - Below Syntax is used.

// String Function to pull first four letters to form a year value

substr ( Month\_Key, 1, 4 )

// Arithmetic Function for similar functionality

\_round ( Month\_Key / 100, 0)

**Section 5:**

**Goal:**

In this section, learner will create the fully-functional dashboard. Several concepts, widgets and techniques of dashboard building covered.

**References:** Not applicable

**Syntax:** Not applicable.

**Section 6:**

**Goal:**

We look at Advanced features like Forecasting, Relative Dates, Join Optimization in the section to master the Dashboarding and Data Modelling.

**References:** Not applicable

**Syntax:** Not applicable.

**Section 7:**

**Goal:**

You will learn when and why to use STORIES, how to build them and how to share the Dashboards and Stories using Custom URLs.

**References:** Not applicable

**Syntax:** For Video 4.4, below syntax is used.

ui\_appbar

Specifies whether to display the Application bar (true) or not (false)

The default value is true.

ui\_navbar

Specifies whether to display the Navigation bar (true) or not (false).

The default value is true.

About the Author

Abhishek Sanghani has been working in the Reporting and Analytics area since 16 years. He has delivered countless reporting solutions, using Cognos Business Intelligence and Cognos Analytics tools.

In the past, he authored books on Cognos Report Studio, followed by video courses for Dashboards and ‘Beyond Dashboard’. He is thoroughly excited to see Cognos 11.1 taking a big leap in self-service authoring and dashboard reporting.

He strongly believes that Cognos v11.1 R5 has a great future in the space of Analytics because of its strong foundation on the Calculation Engine and ability to connect to a wide variety of data-sources, robust Data Modelling capabilities and Stunning Visualizations along with the flexibilities offered in Report tool.

Abhishek is currently leading a team of software developers in a global financial services company, to deliver analytical applications with dashboards and self-service capabilities. He also has opportunities to try other products like QlikView, Tableau and Microstrategy. He possesses advanced skills in TM1, Oracle, Microstrategy, SQL Server, SSAS. He believes such experiences with other products make his viewpoint wider, and allows experiencing the strengths and weaknesses of all tools.