

Data Engineering Day 23

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Another link : [Azure data Engineer](#)

Getting started with Data Warehousing and Business Analytics

Introduction to Analytics and Business Intelligence (BI) Tools:

- Analytics is the systematic compilation and dissection of data, statistics, and operations research to build models to make better decisions.
- More data brings more accurate models.
- The outcome of any analytics is categorized in three such as descriptive outcomes [what had happened in past], Predictive outcome [predictions about future based on the data], prescriptive [what should happen in future or how to make it function in better way.
- BI tools are used for data preparations, mining, management, and visualization.
- Some of the examples of BI tools are IBM Cognos analytics, Microsoft power BI, Tableau, etc.

Tools—revolutionizing analytics



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https://ap1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=996191801_dfed2fd4016e4a8ca31cd778ad1915e5_sessionT...

IBM Cognos Analytics

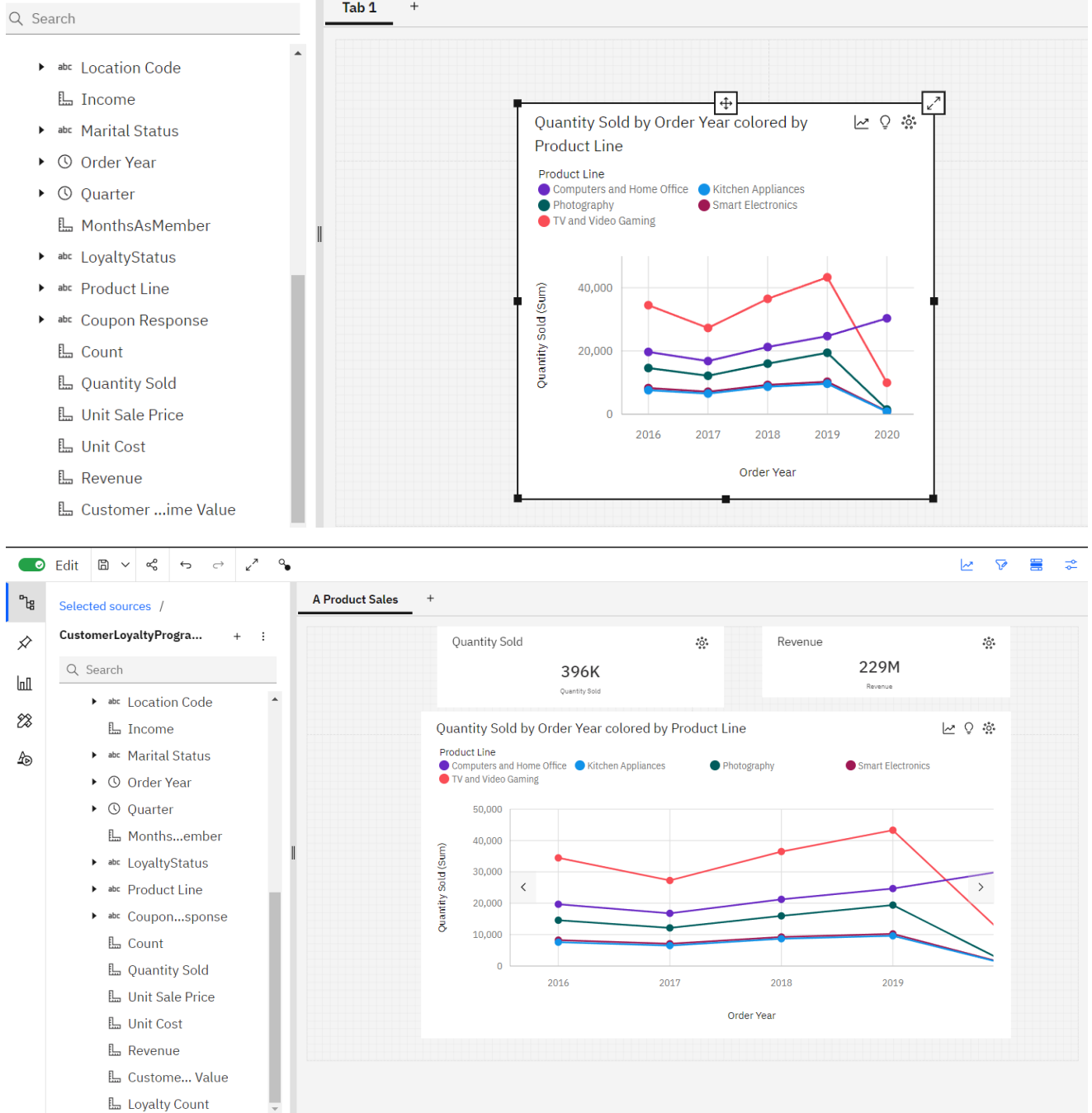
Create a view of tables

Select items to be included in the table.

Table name: CustomerLoyaltyProgram.csv - View (1)

Reference tables	Row Id	Loyalty#	First Name	Last Name	Customer Name
<input checked="" type="checkbox"/> CustomerLo...rogram.csv	1	837810	Abigail	Goris	Abigail Goris
<input checked="" type="checkbox"/> # Row Id	2	707928	Ada	Glaude	Ada Glaude
<input checked="" type="checkbox"/> # Loyalty#	3	901442	Ada	Staback	Ada Staback
<input checked="" type="checkbox"/> First Name	4	237303	Adam	Boner	Adam Boner
<input checked="" type="checkbox"/> Last Name	5	348835	Adam	Dunnegan	Adam Dunnegan
<input checked="" type="checkbox"/> Customer Name	6	186842	Adelaide	Drago	Adelaide Drago
<input checked="" type="checkbox"/> Country	7	605640	Adell	Maroni	Adell Maroni
<input checked="" type="checkbox"/> Province or State	8	723924	Adolph	Prey	Adolph Prey
<input checked="" type="checkbox"/> City	9	202299	Adria	Osterstuck	Adria Osterstuck
<input checked="" type="checkbox"/> Latitude	10	826271	Adriane	Dottin	Adriane Dottin
<input checked="" type="checkbox"/> Longitude	11	616030	Akilah	Carvalho	Akilah Carvalho
<input checked="" type="checkbox"/> Postal code	12	747903	Al	Johson	Al Johson
<input checked="" type="checkbox"/> Gender					
<input checked="" type="checkbox"/> Education					

Navigating the UI of IBM Cognos was amazing.



- Some of the experiences that I have gained were to use and plot the required graph for analysis.