

Working with datasets

| | |
|----------------|---|
| Team ID : | PNT2022TMID39751 |
| Project Name : | Data analytics – Retail store stock inventory analytics |

Retail store stock inventory analytics



Project Contributors

Magesh T

Ranjini S

Keerthivasan A

Anitha V

SELECT DATA SET

The screenshot displays the IBM Cognos Analytics with Watson web application interface. At the top, a browser window shows multiple tabs and the URL `us1.ca.analytics.ibm.com/bi/?perspective=home`. The application header includes the IBM logo, navigation menus, and a search bar. A progress bar at the top indicates the file `mock_kaggle.csv` is being analyzed, with a 'Cancel Details' link. The main content area features a welcome message: 'Hello. Welcome to Cognos Analytics with Watson.' Below this, there are two buttons: 'Watch video' and 'Take a product tour'. A large, stylized graphic of blue cubes and data flow is visible on the right side of the main area. Below the main content, a 'Quick launch' section provides four primary actions:

- Upload data**: Upload or drag and drop spreadsheets, csv files, and other data sources.
- Prepare data**: Use data modules to clean and connect data from multiple resources.
- Exploration**: Quickly find unbiased answers by identifying trends in your data with data exploration.
- Present data**: Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

The bottom of the image shows a Windows taskbar with various application icons, system status indicators (28°C Cloudy, 11:28, 04-11-2022), and language settings (ENG IN).

UPLOADING DATA SET

The screenshot shows the IBM Cognos Analytics with Watson web application interface. At the top, a green notification bar states "mock_kaggle.csv was uploaded successfully." with a "Hide Details" link. Below this, a welcome message reads "Hello. Welcome to Cognos Analytics with Watson." followed by instructions to get started via an introduction video, product tour, or Getting Started tab. Two buttons, "Watch video" and "Take a product tour", are provided. The "Quick launch" section contains four tiles: "Upload data" (with an upload icon), "Prepare data" (with a data module icon), "Exploration" (with a magnifying glass icon), and "Present data" (with a dashboard icon). Each tile includes a brief description of its function. The browser's address bar shows the URL "us1.ca.analytics.ibm.com/bi/?perspective=home". The Windows taskbar at the bottom displays the system clock as 11:28 on 04-11-2022, along with weather information (28°C Cloudy) and various application icons.

IBM | Gather x Home x IBM-EPBL/IBM-Projec x PNT2022TMID01375- x (2) WhatsApp x IBM-Project-17136-1 x Working with the dat x +

us1.ca.analytics.ibm.com/bi/?perspective=home

IBM Cognos Analytics with Watson 3 items open 30 Search content

mock_kaggle.csv was uploaded successfully. Hide Details

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video Take a product tour

Quick launch

Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.

Prepare data

Use data modules to clean and connect data from multiple resources.

Exploration

Quickly find unbiased answers by identifying trends in your data with data exploration.

Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

28°C Cloudy 11:28 04-11-2022 ENG IN

Strivers A22 x i can't sell n x IBM-Project x Retail Store x Data Visual x Home x WhatsApp x Boultly x IBM-EPBL/I x Working wi x

us1.ca.analytics.ibm.com/bi/?perspective=home

IBM Cognos Analytics with Watson3 items openSearch content

Home

New

Upload data

Content

Recent

Manage

New

Data

Data module

Explore

Exploration

Present

Dashboard

Report

Story

Watson.

Tour and Getting

Exploration

Quickly find unbiased answers by identifying trends in your data with data exploration.

Present data

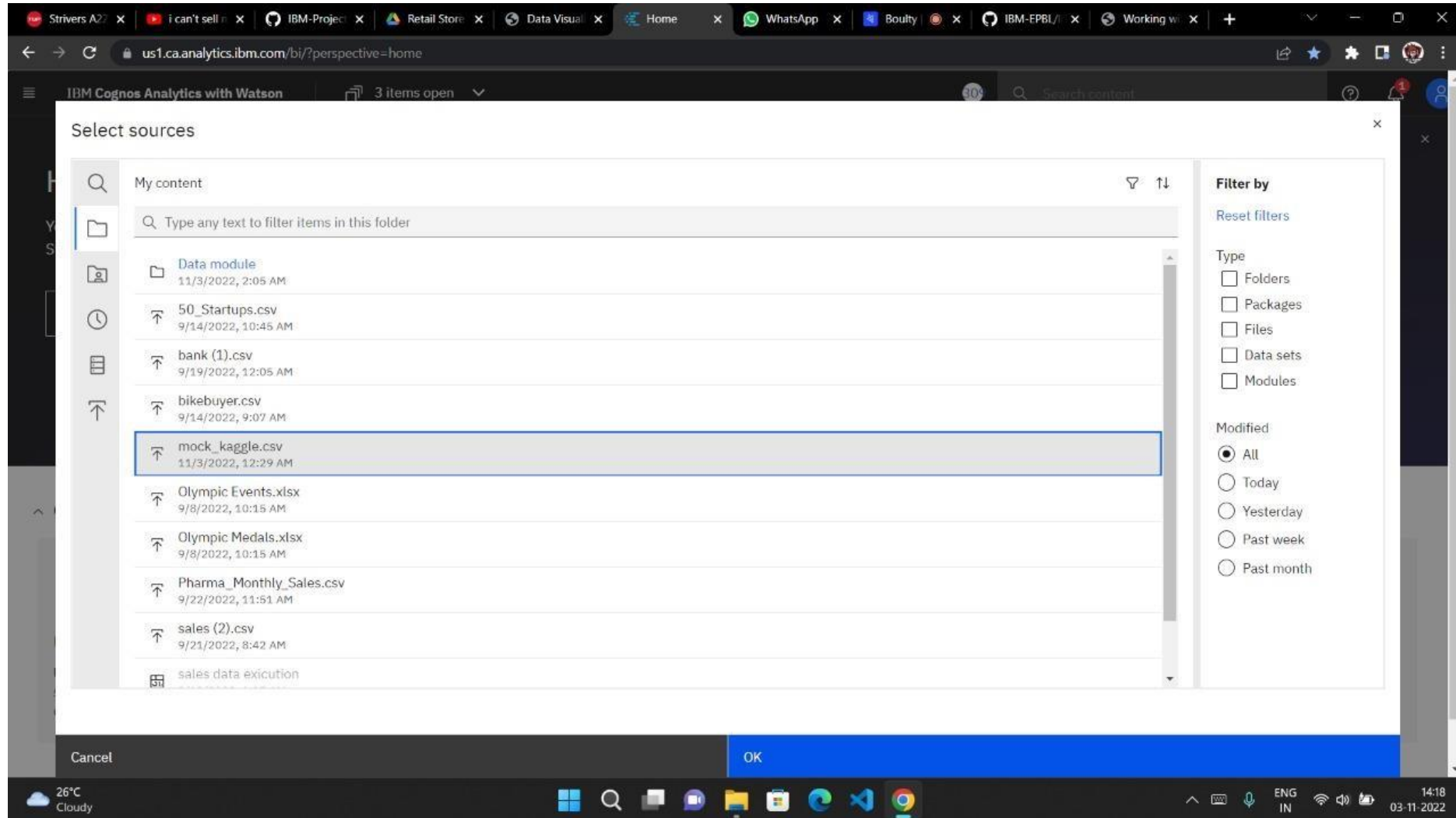
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

26°C Cloudy

ENG IN

14:17 03-11-2022

CSV file



DATA COLUMN

The screenshot displays the IBM Cognos Analytics web interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=1074720901_1cc3553d411644f3a8f68ee0706dacd4_sessionTemp&objRef=&tid=1074720901_1cc3553d411644f3a8f68ee0706dacd4...`. The page title is "IBM Cognos Analytics with Watson". The main navigation bar includes a search bar and a "Properties" button. The left sidebar shows the "Data module" section with a search bar and a list of data modules: "New data module", "Navigation paths", "mock_kaggle.csv", "# Row Id", "data" (highlighted), "venda", "estoque", and "preco". The main content area displays a table with the following columns: "Row Id", "data", "venda", "estoque", and "preco". The table contains 14 rows of data, with the "data" column highlighted in blue. The bottom status bar shows the system clock as 14:18 on 03-11-2022, along with weather information (26°C Cloudy) and various system icons.

| Row Id | data | venda | estoque | preco |
|--------|------------|-------|---------|-------|
| 1 | 2014-01-01 | 0 | 4972 | 1.29 |
| 2 | 2014-01-02 | 70 | 4902 | 1.29 |
| 3 | 2014-01-03 | 59 | 4843 | 1.29 |
| 4 | 2014-01-04 | 93 | 4750 | 1.29 |
| 5 | 2014-01-05 | 96 | 4654 | 1.29 |
| 6 | 2014-01-06 | 145 | 4509 | 1.29 |
| 7 | 2014-01-07 | 179 | 4329 | 1.29 |
| 8 | 2014-01-08 | 321 | 4104 | 1.29 |
| 9 | 2014-01-09 | 125 | 4459 | 1.09 |
| 10 | 2014-01-10 | 88 | 5043 | 1.09 |
| 11 | 2014-01-11 | 188 | 5239 | 1.09 |
| 12 | 2014-01-12 | 121 | 5118 | 1.09 |
| 13 | 2014-01-13 | 134 | 4984 | 1.09 |
| 14 | 2014-01-14 | 80 | 4904 | 1.09 |

Data module +

Search

New data module

Navigation paths +

mock_kaggle.csv

Row Id

data

venda

estoque

preco

Grid Relationships Custom tables

| Row Id | data | venda | estoque | preco |
|--------|------------|-------|---------|-------|
| 1 | 2014-01-01 | 0 | 4972 | 1.29 |
| 2 | 2014-01-02 | 70 | 4902 | 1.29 |
| 3 | 2014-01-03 | 59 | 4843 | 1.29 |
| 4 | 2014-01-04 | 93 | 4750 | 1.29 |
| 5 | 2014-01-05 | 96 | 4654 | 1.29 |
| 6 | 2014-01-06 | 145 | 4509 | 1.29 |
| 7 | 2014-01-07 | 179 | 4329 | 1.29 |
| 8 | 2014-01-08 | 321 | 4104 | 1.29 |
| 9 | 2014-01-09 | 125 | 4459 | 1.09 |
| 10 | 2014-01-10 | 88 | 5043 | 1.09 |
| 11 | 2014-01-11 | 188 | 5239 | 1.09 |
| 12 | 2014-01-12 | 121 | 5118 | 1.09 |
| 13 | 2014-01-13 | 134 | 4984 | 1.09 |
| 14 | 2014-01-14 | 80 | 4904 | 1.09 |

Data module +

Search

New data module

- Navigation paths +
- mock_kaggle.csv
 - # Row Id
 - data
 - venda
 - estoque
 - preco

Grid Relationships Custom tables

| Row Id | data | venda | estoque | preco |
|--------|------------|-------|---------|-------|
| 1 | 2014-01-01 | 0 | 4972 | 1.29 |
| 2 | 2014-01-02 | 70 | 4902 | 1.29 |
| 3 | 2014-01-03 | 59 | 4843 | 1.29 |
| 4 | 2014-01-04 | 93 | 4750 | 1.29 |
| 5 | 2014-01-05 | 96 | 4654 | 1.29 |
| 6 | 2014-01-06 | 145 | 4509 | 1.29 |
| 7 | 2014-01-07 | 179 | 4329 | 1.29 |
| 8 | 2014-01-08 | 321 | 4104 | 1.29 |
| 9 | 2014-01-09 | 125 | 4459 | 1.09 |
| 10 | 2014-01-10 | 88 | 5043 | 1.09 |
| 11 | 2014-01-11 | 188 | 5239 | 1.09 |
| 12 | 2014-01-12 | 121 | 5118 | 1.09 |
| 13 | 2014-01-13 | 134 | 4984 | 1.09 |
| 14 | 2014-01-14 | 80 | 4904 | 1.09 |

Data module +

Search

New data module

- Navigation paths +
- mock_kaggle.csv
 - # Row Id
 - data
 - venda
 - estoque
 - preco

Grid Relationships Custom tables

| Row Id | data | venda | estoque | preco |
|--------|------------|-------|---------|-------|
| 1 | 2014-01-01 | 0 | 4972 | 1.29 |
| 2 | 2014-01-02 | 70 | 4902 | 1.29 |
| 3 | 2014-01-03 | 59 | 4843 | 1.29 |
| 4 | 2014-01-04 | 93 | 4750 | 1.29 |
| 5 | 2014-01-05 | 96 | 4654 | 1.29 |
| 6 | 2014-01-06 | 145 | 4509 | 1.29 |
| 7 | 2014-01-07 | 179 | 4329 | 1.29 |
| 8 | 2014-01-08 | 321 | 4104 | 1.29 |
| 9 | 2014-01-09 | 125 | 4459 | 1.09 |
| 10 | 2014-01-10 | 88 | 5043 | 1.09 |
| 11 | 2014-01-11 | 188 | 5239 | 1.09 |
| 12 | 2014-01-12 | 121 | 5118 | 1.09 |
| 13 | 2014-01-13 | 134 | 4984 | 1.09 |
| 14 | 2014-01-14 | 80 | 4904 | 1.09 |

The screenshot displays the IBM Cognos Analytics web application. The top navigation bar shows the URL [us1.ca.analytics.ibm.com](https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=1074720901_1cc3553d411644f3a8f68ee0706dacd4_sessionTemp&objRef=&tid=1074720901_1cc3553d411644f3a8f68ee0706dacd4) and the page title "IBM Cognos Analytics with Watson". The left sidebar contains a "Data module" section with a search bar and a list of modules: "New data module", "Navigation paths", and "mock_kaggle.csv". The "mock_kaggle.csv" module is expanded, showing a hierarchy of data: "# Row Id", "data", "venda", "estoque", and "preco". The central workspace is titled "Grid", "Relationships", and "Custom tables". The "Relationships" tab is active, showing a diagram with a single data module "mock_kaggle.csv". The right sidebar contains two panels: "Properties" and "Diagram settings". The "Properties" panel has tabs for "General", "Filters", and "Relationships". The "Filters" tab is active, showing "There are no filters." and a dropdown menu with "Row Id" selected. Below the dropdown is a button "Add a filter +". The "Diagram settings" panel shows "Cardinality" and "Focus mode" as toggle switches, both of which are turned off. Below these is a slider for "Degrees of separation: 1" ranging from 1 to infinity. The bottom of the screen shows a Windows taskbar with various application icons and a system tray with weather information (26°C Cloudy), time (14:19), and date (03-11-2022).

Strivers A2Z DSA Cou...i can't sell my trade in...IBM-Project-16960-1...WhatsApp...Retail Store Stock Inve...* New exploration...Data Visualization Ch...+

us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_a08ceb32-3abd-415f-8879-f48517cbe0bb&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bcanvas...

IBM Cognos Analytics with Watson* New exploration30°Search content?

Create1/1PieRelatedCompareAnalyticsDetailsFieldsProperties

Selected sources /
mock_kaggle.csv
Search
Navigation paths
mock_kaggle.csv
data
venda
estoque
preco

venda by estoque and preco

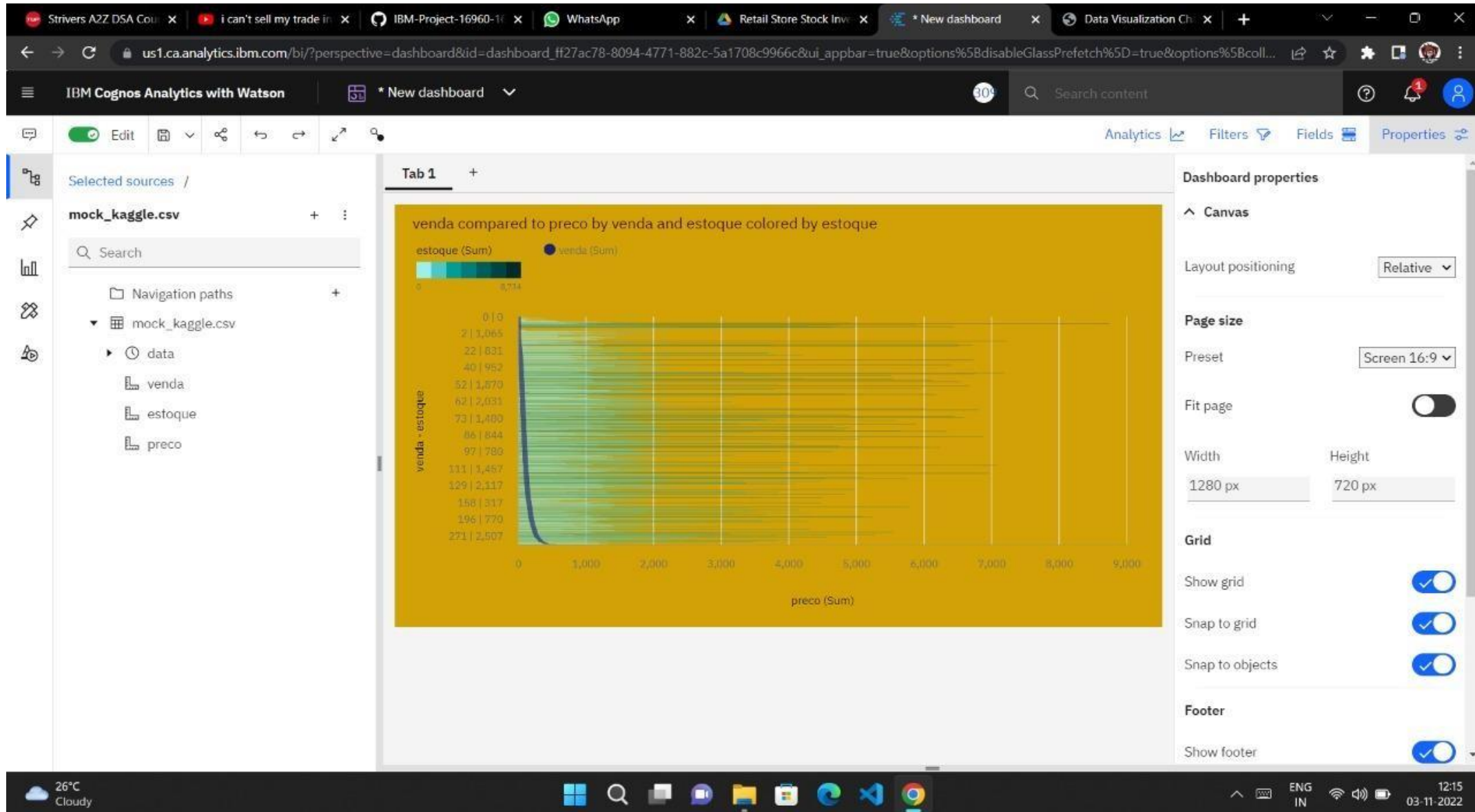
estoque - preco
4,972 | 1.292,136 | 0703 | 1.552,143 | 1.551,186 | 0688 | 1.4915 | 015 | 1.49
9 | 1.391,151 | 1.19584 | 080 | 01,800 | 1.29794 | 0794 | 1.49888 | 1.49
673 | 1.49108 | 1.3980 | 2.592,383 | 2.591,186 | 1.291,605 | 2.591,525 | 1.292,328 | 1.49
1,474 | 1.292,146 | 1.2916 | 1.49592 | 2.29592 | 1.46107 | 019 | 1.29105 | 1.46
30 | 1.8933 | 1.4932 | 1.4924 | 1.4918 | 1.2914 | 1.4913 | 1.4910 | 1.49
2,228 | 1.299 | 1.49996 | 1.291,441 | 1.191,079 | 1.69703 | 1.2912 | 1.492,015 | 1.19

Analytics
Insights

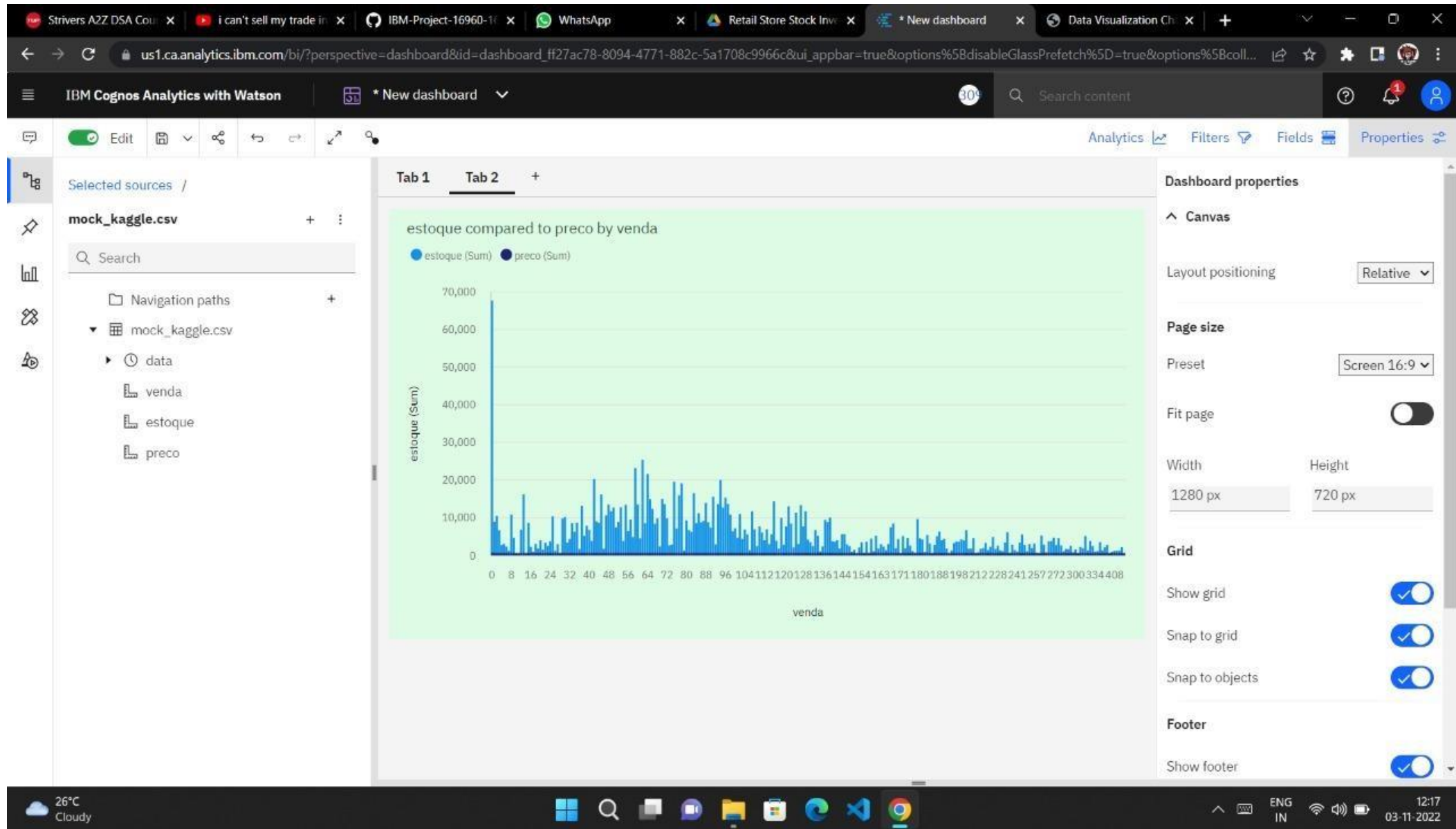
26°C
Cloudy

ENG
IN12:03
03-11-2022

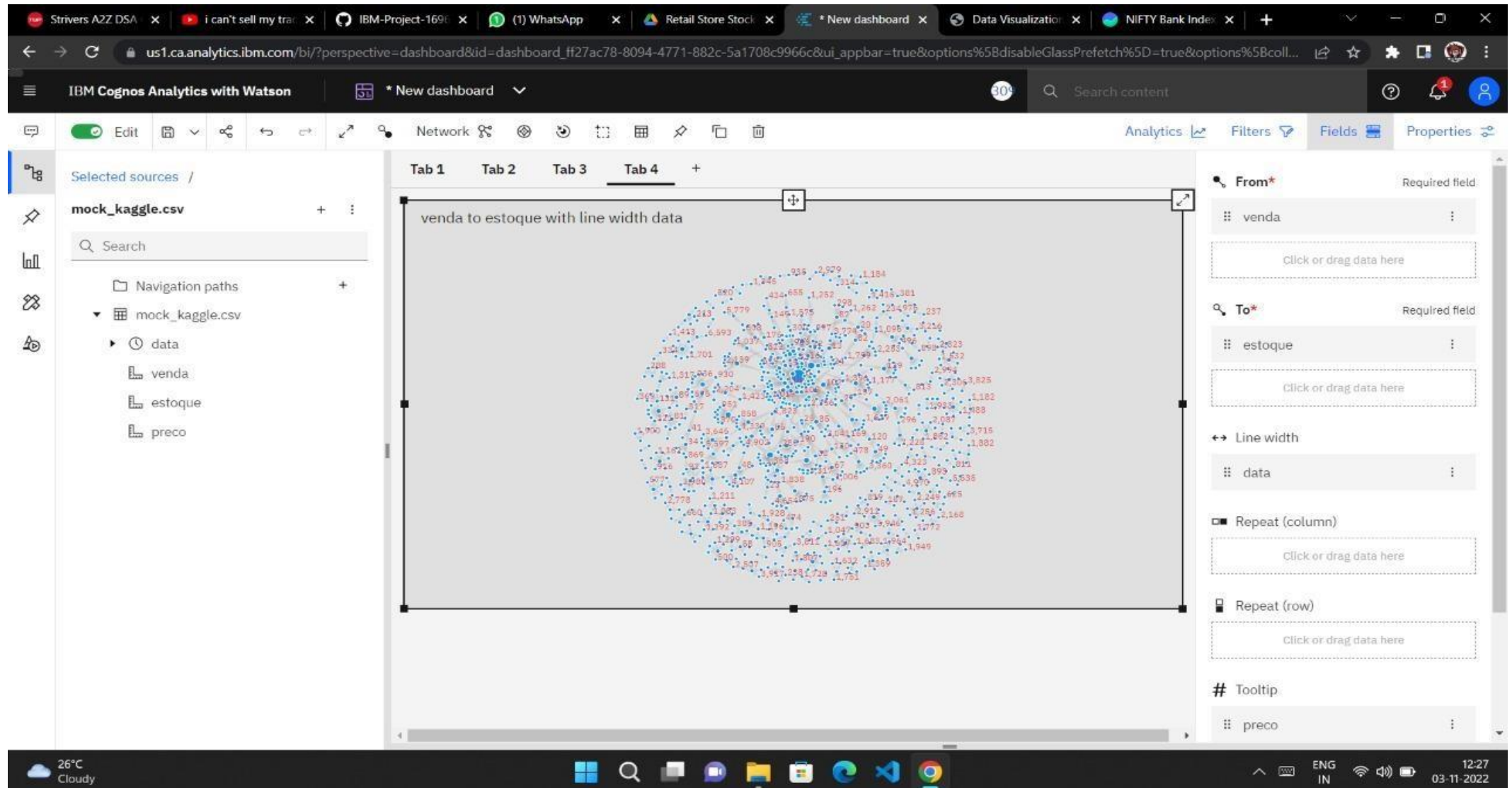
venda compared to preco by venda and estoque colored by estoque



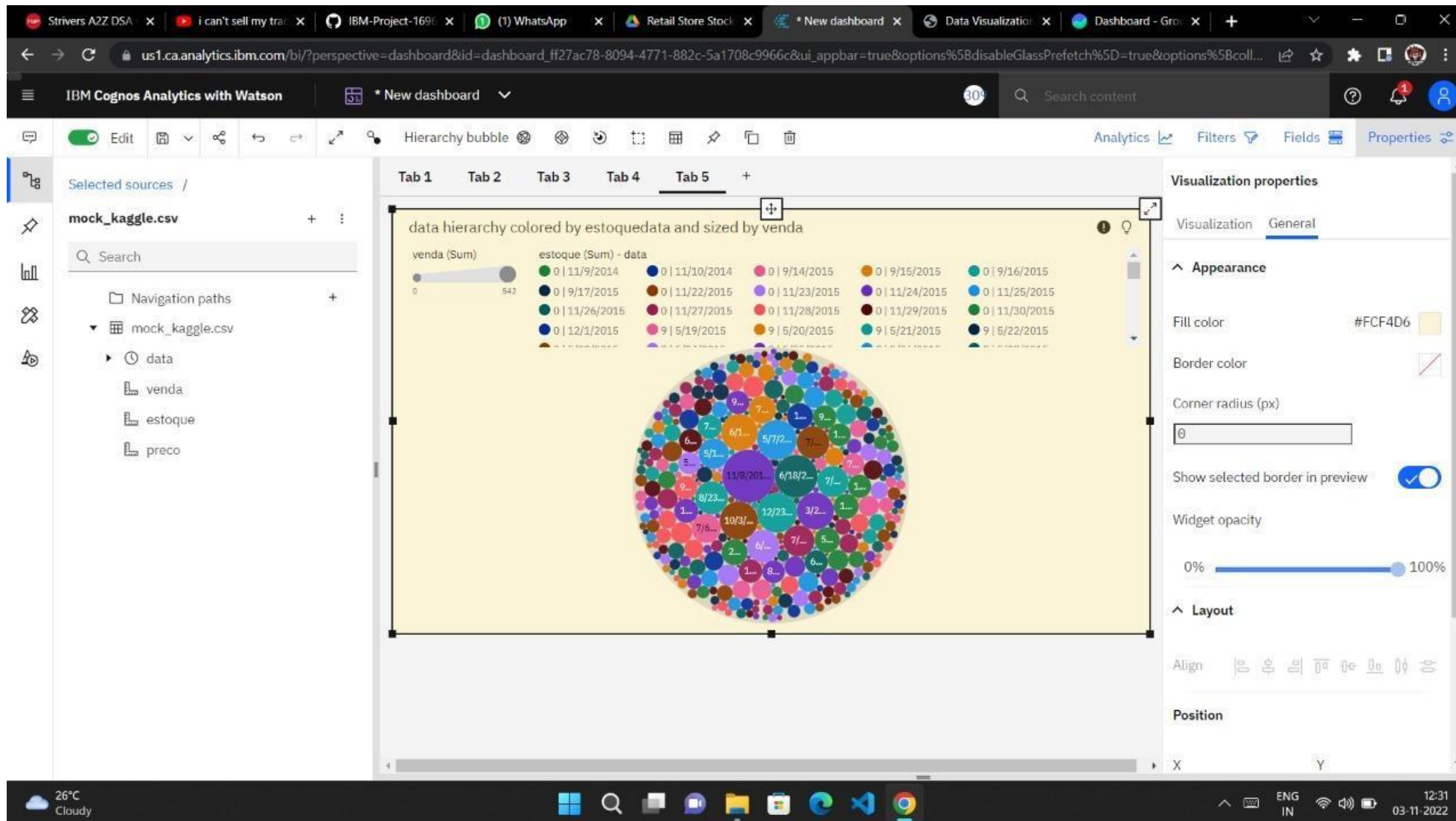
Estoque compared to preco by venda



Venda to estoque with line width data



data hierarchy colored by estoquedata and sized by venda



Data Set Drive link

<https://drive.google.com/drive/folders/1kiL-5CHJmQvbK9VyFsuUs-myAupBZGNy>