

# IBM Cognos Analytics Project

**Dataset Analysis(Title):** Fitness Tracker Products (E-commerce) .

**About the Project:** We Have Learn these Listed Things in IBM Cognos During The Project .

- ➔ **List Reports, Cross Tabs, and Summary Reports.**
- ➔ **Application of Filters, Grouping, Sorting, and Calculations.** (e.g., SUM, COUNT, AVG, MIN, MAX).
- ➔ **Font, Colors,Padding,Heder,Footer.**

The main objective of the project is to demonstrate **data-driven decision-making** using Cognos features .

## Tools & Technologies Used:

**IBM Cognos Analytics :** Main Analysis.

**Microsoft Excel :**data cleaning.

**Kaggle Dataset:** Fitness Trackers Products E-commerce

**Group No:** 06

**Submitted By:**

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Khushboo Yadav,

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Jyoti .

**Submitted To:**

Ayush Chand (IBM Instructor )

# PROJECT

**Problem Statement 01 :** List all fitness trackers with a **rating above 4.0**.

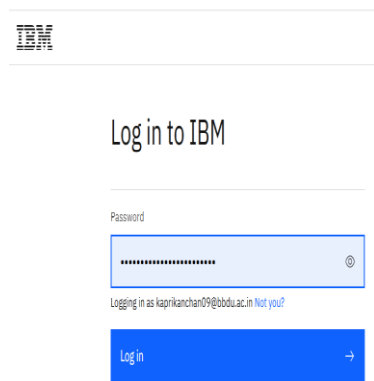
## SOLUTION:

**Columns Used:** Model Name, Brand Name, Selling Price, Rating(Out of 5).

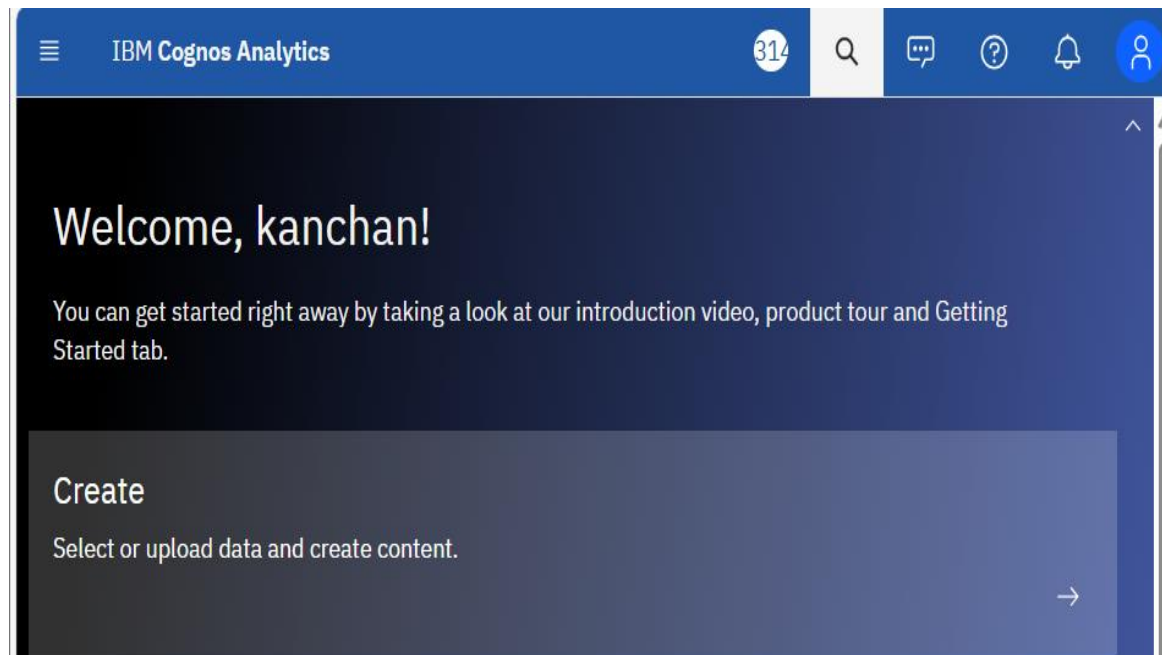
**Cognos Feature:** List Report + Simple Filter (Rating > 4.0).


**Step 1:** Search IBM Cognos Analytics sing up or Open IBM Cognos Analytics and sign in to your account then come into the dashboard.

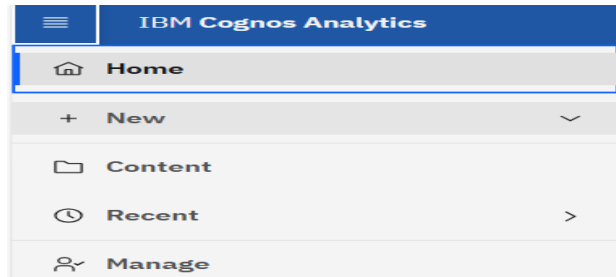
➔ **Sign-up or Log-in**

The screenshot shows the IBM Cognos Analytics login interface. At the top, the IBM logo is displayed. Below it, the text "Log in to IBM" is centered. Underneath, there is a "Password" label and a password input field with a masked password "\*\*\*\*\*" and a toggle icon. Below the password field, a small text link says "Logging in as kaprikanchan09@bbdu.ac.in Not you?". At the bottom of the login section is a blue "Log in" button with a right-pointing arrow.

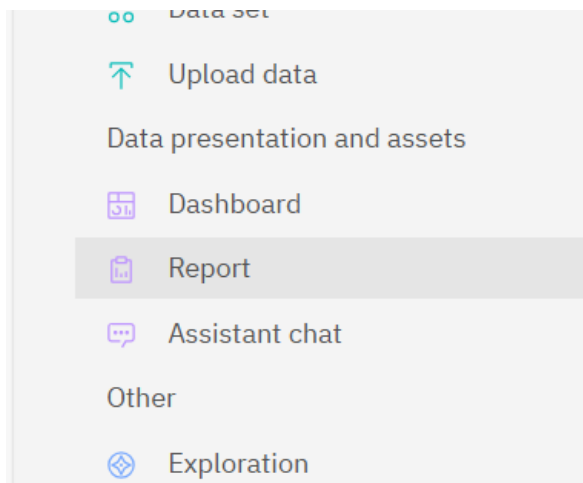
➔ Then You will be seeing **Your Dashboard**.



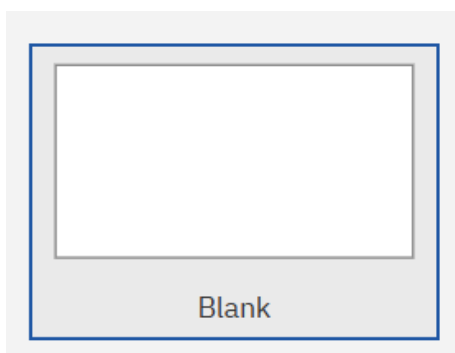
**Step 2:** From the top Hamburger menu  click '+ New' → .



**Step 3:** Chose from → **Menu** → **New** → choose '**Report**'. In the report template select list .



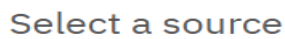
**Step 4:** select '**List**' (or Select '**Blank report**' then insert a List).



Select one of the following widget types to get started or drag and drop items from the left pane.

➔ Choose List.-->

**Step 5:** In the left -> Click on the (Select a Sources/Data).



Select a source +

| My content  | Team content |
|---|--------------|
| <div data-bbox="384 1392 690 1495"> <div data-bbox="384 1392 690 1415">Name</div> <div data-bbox="384 1415 690 1495"> <div data-bbox="384 1415 690 1436">Covid</div> <div data-bbox="384 1436 690 1459">Fitness-Tracker-Dataset-Merged</div> <div data-bbox="384 1459 690 1482">New data module Practical</div> </div> </div> |              |

**Step 6:** Drag the following data items onto the list canvas in this order: **Model Name, Brand Name, Selling-Price, Rating**. Each item becomes a column.

IBM Cognos Analytics | \* New report


Report > Pages > Page1

Insertable objects

Find

- Fitness\_trackers\_updated.csv
  - Brand Name
  - Device Type
  - Model Name
  - Color
  - Selling Price

| Model Name   | Brand Name   | Rating (Out of 5)   | Selling Price   |
|--------------|--------------|---------------------|-----------------|
| <Model Name> | <Brand Name> | <Rating (Out of 5)> | <Selling Price> |
| <Model Name> | <Brand Name> | <Rating (Out of 5)> | <Selling Price> |
| <Model Name> | <Brand Name> | <Rating (Out of 5)> | <Selling Price> |

**Step 7:** Click the Filters (  ) icon in the report toolbar, or choose 'Data' → 'Filters' → 'Edit filters'.

Report > Pages > Page1

Filters - Query1

Detail Filters Summary Filters

Usage

☐ Required

☐ Optional

☐ Disabled

Application

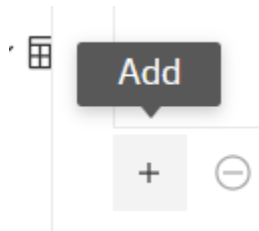
☐ Before auto aggregation

☐ After auto aggregation

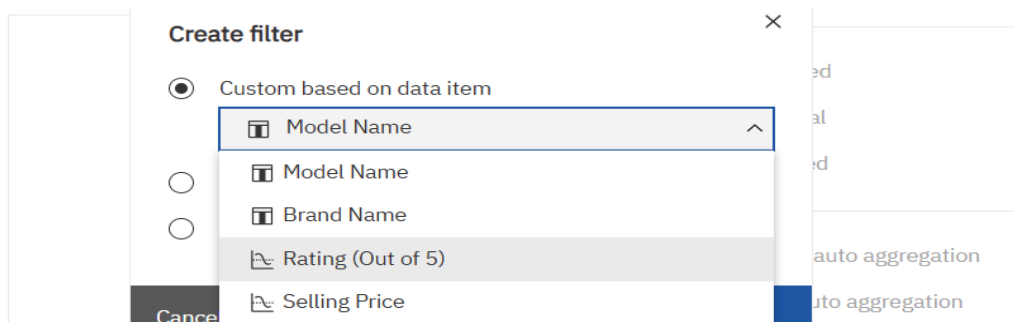
☒ Can be changed in the viewer

Cancel OK

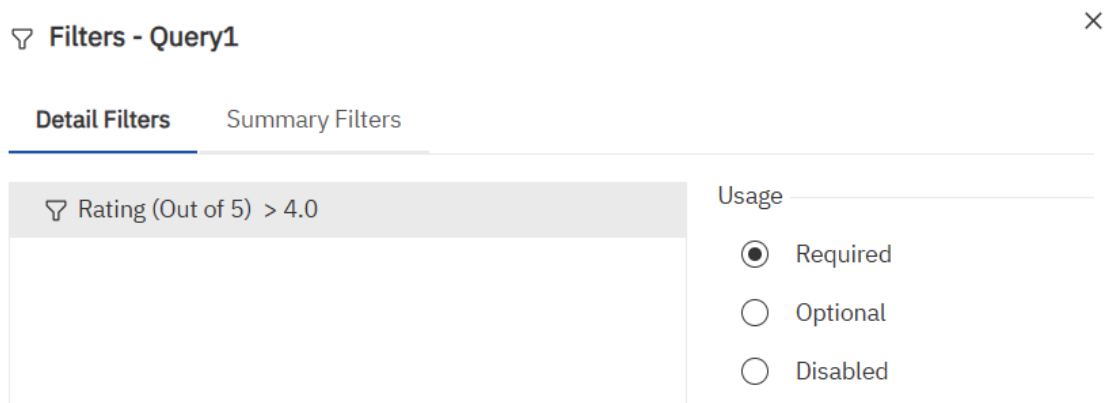
**Step 9:** In the Filters dialog select 'Detail Filters' → Click Add.



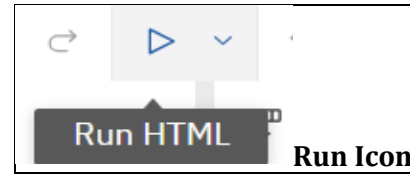
➔ Now in the expression area drag Select **Rating (Out of 5) Column**.



➔ Now, Select operator '>' and type '4.0' (expression: [Rating] > 4.0). Click OK.



**Step 10:** Click Save, then Run (Run with > HTML). The report will display only products with Rating > 4.0.



## Save as

Name

Solution of Problem-Statement - 01

Selected destination: My content

**Step 11:** See the results:

**Finally →** The report is displaying only products with Rating > 4.0.

| Brand Name | Model Name                     | Rating (Out of 5) | Selling Price |
|------------|--------------------------------|-------------------|---------------|
| Xiaomi     | Band - HRX Edition             | 4.2               | 1,299         |
| Xiaomi     | Revolve                        | 4.4               | 12,349        |
| Xiaomi     | RevolveActive                  | 4.4               | 12,999        |
| OnePlus    | Steven Harrington Edition Band | 4.3               | 3,299         |
| OnePlus    | Band                           | 4.2               | 2,499         |
| FitBit     | Versa 2                        | 4.3               | 25,498        |
| FitBit     | Sense                          | 4.2               | 21,499        |
| FitBit     | Charge 4                       | 4.2               | 20,998        |
| FitBit     | Charge 2                       | 4.3375            | 91,491        |
| FitBit     | Alta                           | 4.1               | 12,999        |
| Huawei     | Band 2 Pro Activity            | 4.1               | 2,199         |
| realme     | 2S                             | 4.2               | 3,499         |
| realme     | S Pro                          | 4.1               | 9,999         |
| Fastrack   | Reflex Smart Band              | 4.05              | 2,790         |
| boAt       | O2                             | 4.1               | 7,990         |
| Honor      | Magic Watch 2                  | 4.4               | 13,999        |
| huami      | Amazfit GTR 42                 | 4.3               | 18,998        |
| huami      | Amazfit Pace                   | 4.2               | 9,999         |
| huami      | Bip Lite On                    | 4.1               | 7,999         |
| SAMSUNG    | Galaxy Classic 4               | 4.6               | 142,957       |

[Top](#)
[Page up](#)
[Page down](#)
[Bottom](#)

# PROJECT

**Problem Statement 02:** Show products that are **either water-resistant OR have battery life > 7 days**, and have a **price below ₹5000**.

## SOLUTION:

**Columns Used:** Model Name, Strap Material, Average Battery Life (in days), Selling Price.

**Cognos Feature:** Advanced Filter combining OR and AND conditions.

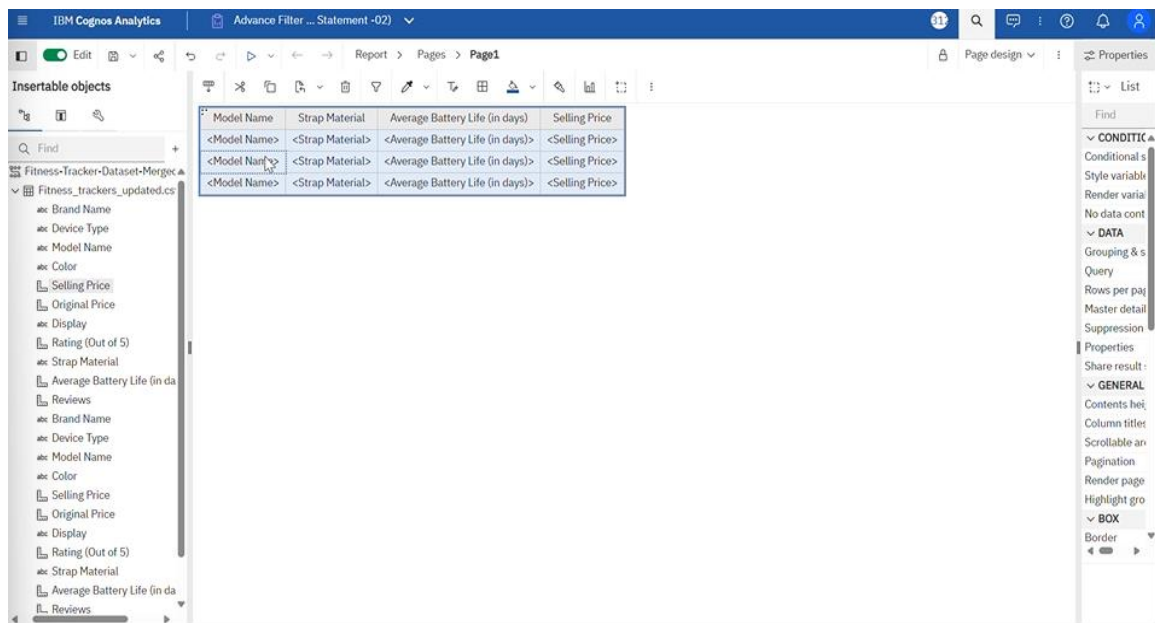
**Step 1:** Now same as Previously, we have done

- ➔ Come into Your HOME
- ➔ Click ➔ Hamburger Menu ➔ New ➔ Report ➔ Blank ➔ List ➔

Choose the data Source ➔ **Fitness-Trackers-Data-Module** .

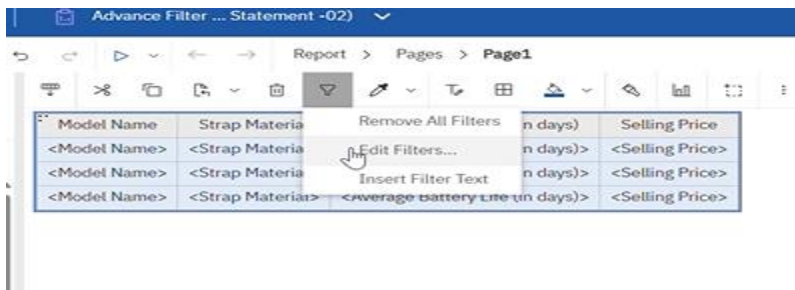
**Step 2:** Then We will drag These Listed Columns.

- ➔ **Model Name, Strap Material, Average Battery Life (in days), Selling Price.**

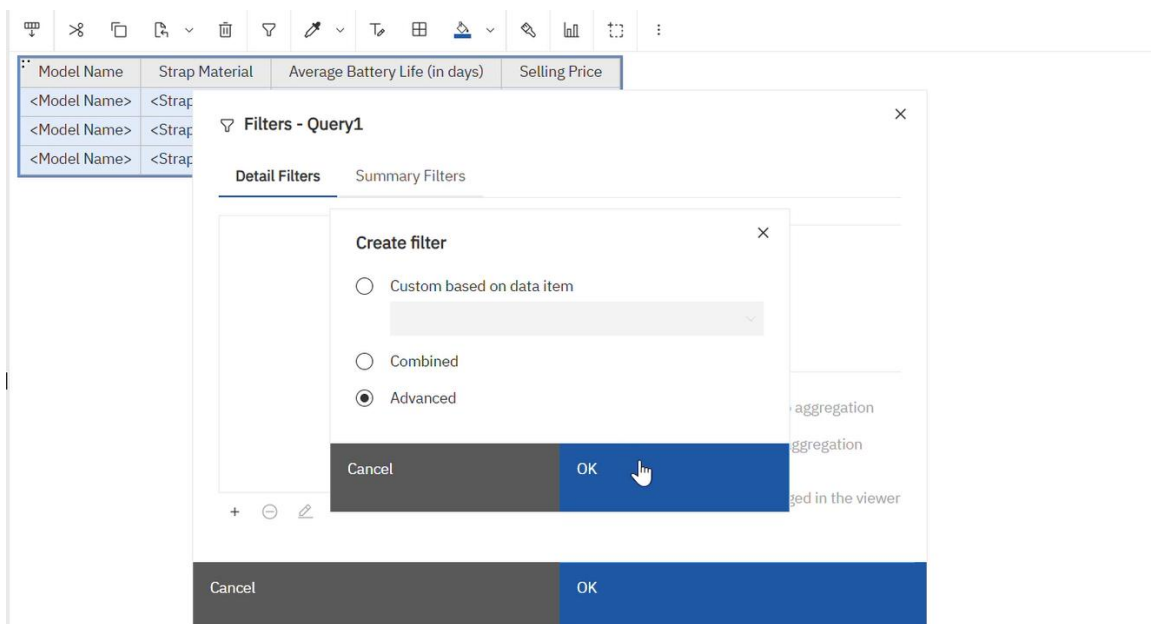




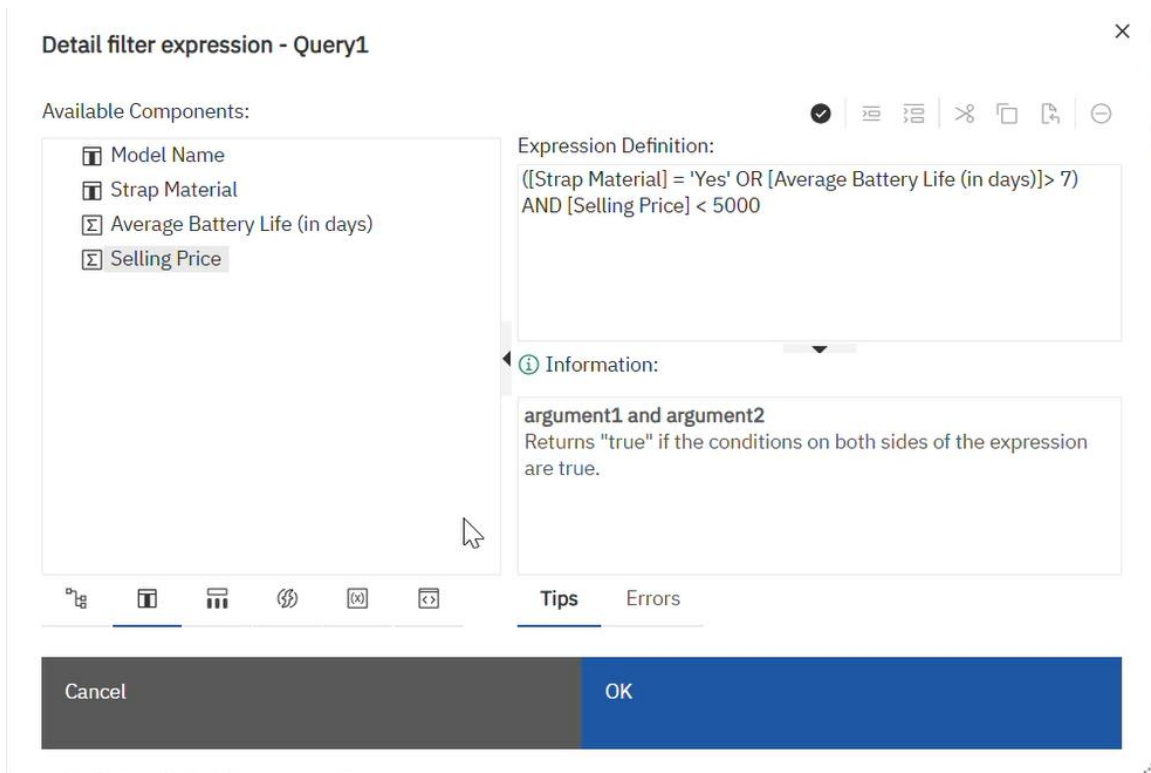
**Step 3:** Click the Filters (funnel) icon → Edit filters → Detail Filters → Add.




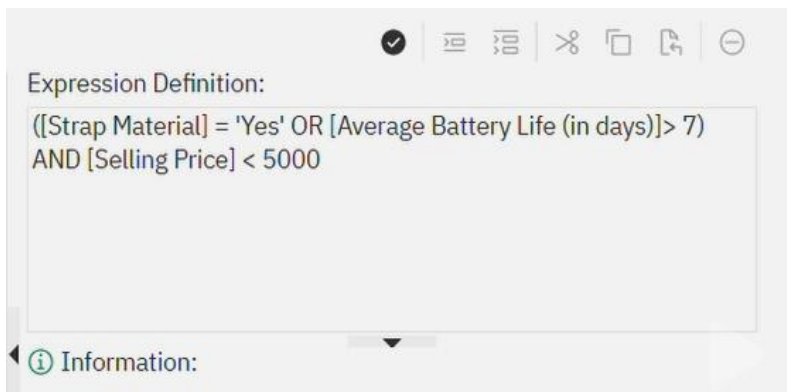
**Step 4:** Click 'Advanced' or open the Expression Editor to build a grouped expression.





**Step 5:** Construct the expression → by double clicking on to the data item we need.



**Step 6:** Validate the expression where the tick sign is  → OK → Close Filters dialog.



**Step 7:** Save  and Run  the report.

### Save as

Name

Solution of Problem-Statement - 02

Selected destination: My content

**Finally :** Result shows rows where (Strap materials = Yes OR Battery Life > 7) AND Price < 5000.

| Model Name         | Strap Material             | Average Battery Life (in days) | Selling Price |
|--------------------|----------------------------|--------------------------------|---------------|
| Band 6             | Plastic                    | 14                             | 2,999         |
| 2 Pro              | Silicone                   | 14                             | 4,999         |
| Watch ES           | Silicone                   | 10                             | 4,999         |
| Amazfit Bip U      | Silicone                   | 9                              | 2,999         |
| Amazfit Bip S Lite | Silicone                   | 14                             | 1,999         |
| Smart Band 5       | Thermoplastic polyurethane | 28                             | 4,968         |
| Smart Band 4       | Thermoplastic polyurethane | 14                             | 2,099         |
| HMSH01GE           | Leather                    | 14                             | 1,722         |
| Band 5             | Plastic                    | 42                             | 7,197         |
| Xplorer            | Thermoplastic polyurethane | 10                             | 3,499         |

# PROJECT

**Problem Statement 03:** Create a report that prompts the user to **select a brand** and shows all models of that brand sorted by descending price.

## SOLUTION:

**Columns Used:** Brand Name , Modal Name, Selling Price, Rating(Out of 5).

**Cognos Feature:** Value Prompt + List Report + Sort.

**Step 1:** Now same as Previously, we have done Click →Hamburger Menu → New → Report → Blank → List →

Choose the data Source → **Fitness-Trackers-Data-Module** .

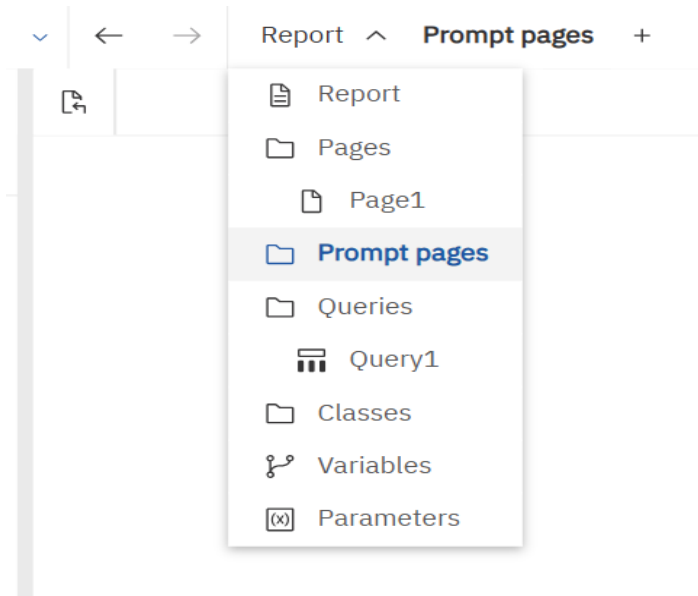
**Step 2:** Then We will drag These Listed Columns.

→ **Brand Name, Model Name, Selling Price, Rating (Out of 5).**

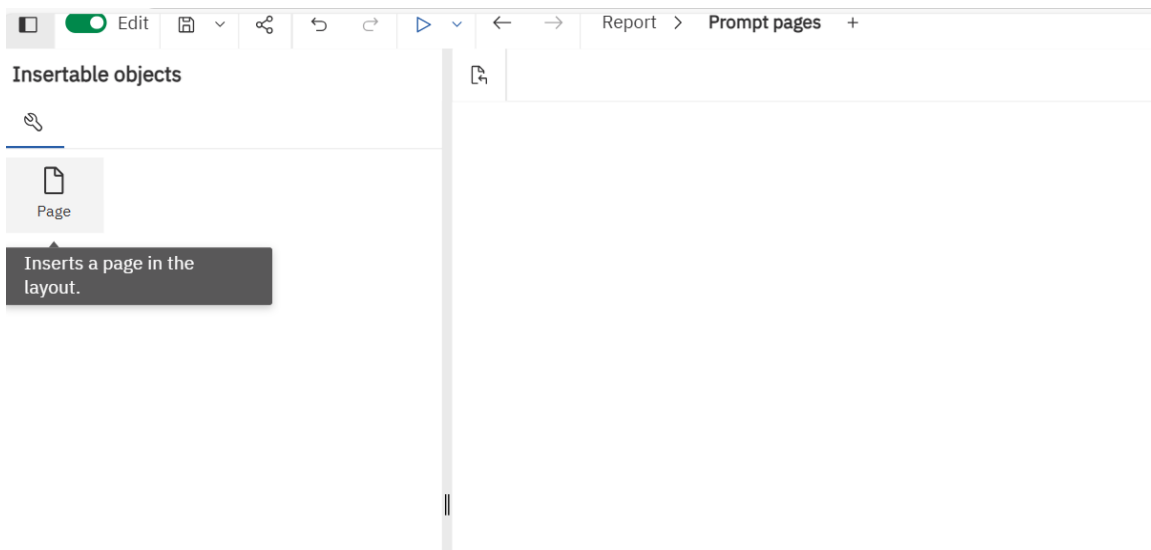
The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Insertable objects' panel shows a list of fields from the 'Fitness\_trackers\_updated.csv - Join (1)' data source. The fields include 'Brand Name', 'Device Type', 'Model Name', 'Color', 'Selling Price', 'Original Price', 'Display', 'Rating (Out of 5)', 'Strap Material', 'Average Battery Life (in days)', 'Reviews', and a duplicate set of 'Brand Name', 'Device Type', 'Model Name', 'Color', and 'Selling Price'. The 'Rating (Out of 5)' field is highlighted. On the right, a preview table shows the selected fields: 'Model Name', 'Brand Name', 'Selling Price', and 'Rating (Out of 5)'. The table contains four rows of data, each starting with a prompt '<Model Name>'. The interface also shows a top navigation bar with 'IBM Cognos Analytics' and a 'New report' button, and a maintenance banner.

| Model Name   | Brand Name   | Selling Price   | Rating (Out of 5)   |
|--------------|--------------|-----------------|---------------------|
| <Model Name> | <Brand Name> | <Selling Price> | <Rating (Out of 5)> |
| <Model Name> | <Brand Name> | <Selling Price> | <Rating (Out of 5)> |
| <Model Name> | <Brand Name> | <Selling Price> | <Rating (Out of 5)> |
| <Model Name> | <Brand Name> | <Selling Price> | <Rating (Out of 5)> |

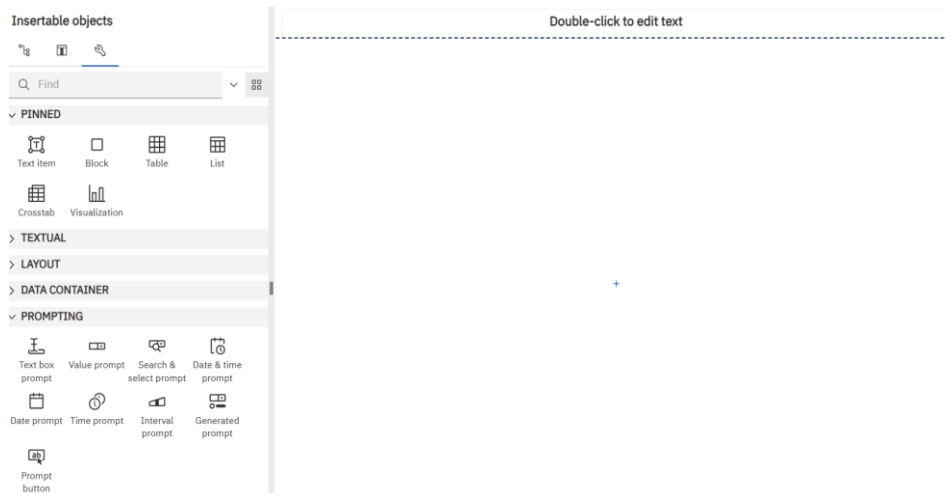
**Step 2:** Click on the Report toolbar, and choose **Prompt Pages**.



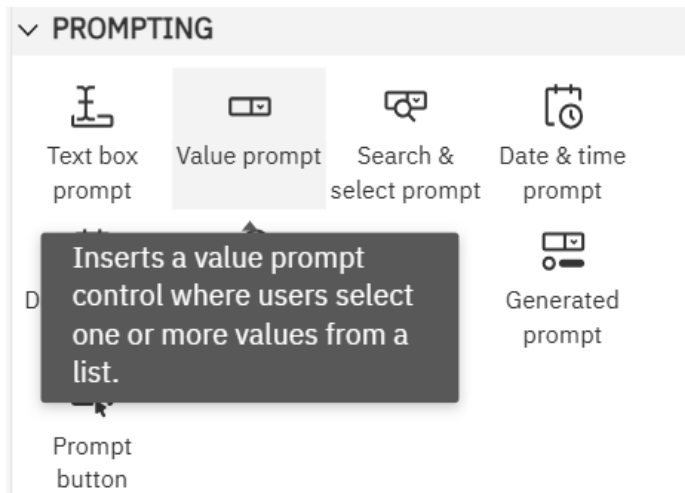
➔ Now Click Twice on to the **Page** or drag the Page on to the Layout.



➔ Now This is what you will be seeing.



➔ Now , from the right bar Tools icon , Select Value Prompt and Drag on to the Layout.



➔ Now This Prompt Wizard Window will come, Give Paramter Name,

**Prompt Wizard - Value prompt** ✕

**Choose Parameter**  
Create a new parameter or use an existing parameter from a previously authored expression.

☒ Create a new parameter  
Parameter1

☐ Use existing parameter  
▼

☐ Use global parameter  
▼

Cancel < Back Next > Finish

➔ Give this name .

☒ Create a new parameter

?BrandName?

➔ Click Next.

Next >

➔ Now fill this, Choose Package Item From the Three dots at the Right Ending .

**Prompt Wizard - Value prompt** ×

**Create Filter**  
Choose the package item that will be used to filter the report.

☒ Create a parameterized filter

Package item:  ⋮

Operator:  ▼

Parameter:

☐ Make the filter optional

Cancel

< Back

Next >

Finish

➔ In Package Item ➔ Choose Brand Name, From the 3 dots at right ending .

Package item:  ⋮

➔ Choose Brand Name.

**Choose package item**

▼

📄

 Fitness\_trackers\_updated.csv - Join (1)

abc

 Brand Name

abc

 Device Type

abc

 Model Name

abc

 Color

📄

 Selling Price

📄

 Original Price

abc

 Display

📄

 Rating (Out of 5)

abc

 Strap Material

📄

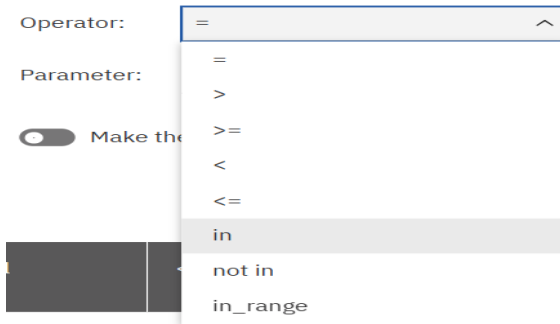
 Average Battery Life (in days)

📄

 Reviews



➔ Choose The Operator ( IN ).



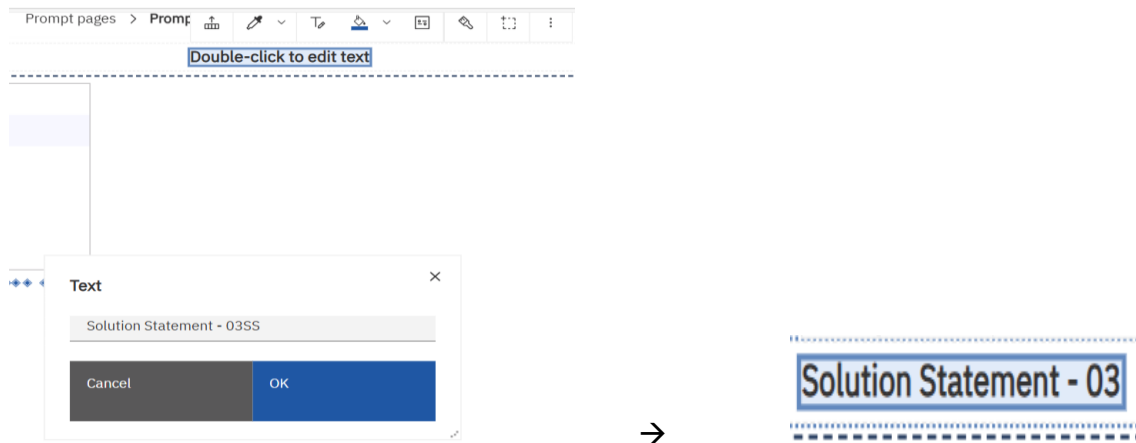
➔ Now Fill this Choose **Brand Name** to **Use** and to **Display** also , You can name this any.

A screenshot of a 'Prompt Wizard - Value prompt' dialog box. The title bar says 'Prompt Wizard - Value prompt' with a close button. The main section is titled 'Populate control' and contains the text: 'What values do you want to pick from? Use values are the retrieved data, and Display values are the selectable values that the user sees.' Below this is a toggle switch labeled 'Create new query' which is turned on. There are three input fields: 'Name:' with the value 'QueryBrandName?', 'Values to use:' with the value '[C].[C\_Fitness\_Tracker\_Dataset\_Merged].[F]', and 'Values to display:' with the value '[C].[C\_Fitness\_Tracker\_Dataset\_Merged].[F]'. Each of the last two fields has a small icon to its right. Below these is a 'Cascading source:' dropdown menu. At the bottom are four buttons: 'Cancel', '< Back', 'Next >', and 'Finish'.

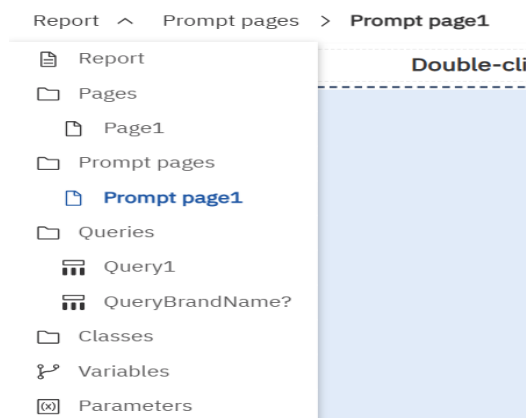
➔ Now , You will be seeing this. Now go to your Report.



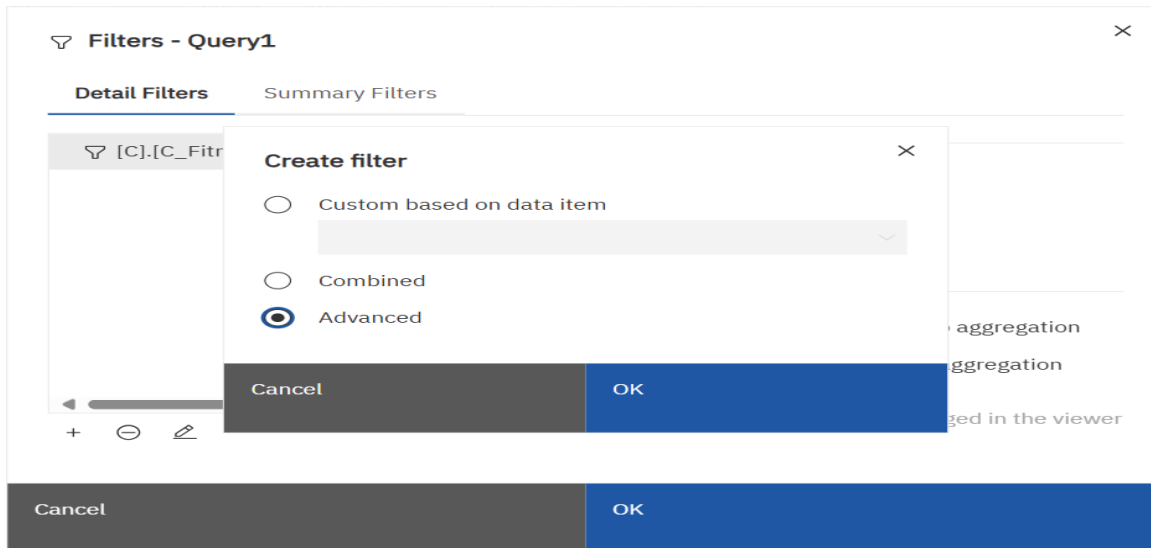
➔ You can edit the and name the Header Prompt as You want,



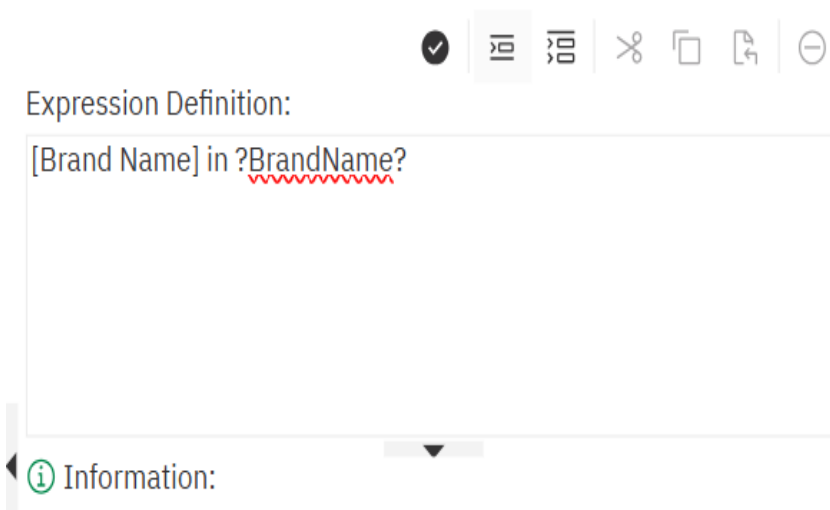
**Step 3:** Go to your **Report** , by changing the tab from report tab bar.



➔ Now in your Report Choose Filter ➔ Detailed Filter ➔ Advance.



➔ Now, Give this Expression in the Advance Filter , by choosing **brand name** from Data Items .



**Step : 4** Now Save the **Report** and **Run** .

Save as

Name

Solution of Problem-Statement - 03

Selected destination: My content

➔ This Window will come now choose any of these I have Chosen the FOSSIL. Let 's see the results.

**Prompt**  
Provide values for the report you are about to run.

BrandName \*

|          |
|----------|
| APPLE    |
| FOSSIL   |
| Fastrack |
| FitBit   |
| GARMIN   |
| GOQii    |

Select all Deselect all

➔ Every time You RUN this Report this Prompt will come You can choose the BrandName and see the Results,

➔ **Finally :** See the results, Same as You will run this report and You can choose any Brand Name, and Then See the Results.

| Model Name        | Brand Name | Selling Price | Rating (Out of 5) |
|-------------------|------------|---------------|-------------------|
| Gen 5 Carlyle HR  | FOSSIL     | 30,990        | 4.2               |
| Gen 5 Julianna HR | FOSSIL     | 102,970       | 4.13333333        |
| Sadie Hybrid      | FOSSIL     | 8,995         | 4                 |
| Sport             | FOSSIL     | 71,980        | 4.425             |
| Carlie Hybrid     | FOSSIL     | 29,485        | 4.6               |
| Barstow Hybrid    | FOSSIL     | 8,995         | 4.6               |
| Gen 3 Q Explorist | FOSSIL     | 56,777        | 4.25              |
| FTW6005           | FOSSIL     | 19,995        | 3.8               |
| Sport 41          | FOSSIL     | 27,990        | 4                 |
| Sloan HR          | FOSSIL     | 68,485        | 4.1               |
| Neely             | FOSSIL     | 8,995         | 4.7               |
| Rose Gold Smart   | FOSSIL     | 21,995        | 4.6               |
| FTW20013 Q        | FOSSIL     | 21,495        | 4.6               |
| FTW5017 Hybrid    | FOSSIL     | 14,495        | 4.6               |
| FTW5003 Hybrid    | FOSSIL     | 12,995        | 4.6               |
| Commuter Hybrid   | FOSSIL     | 8,995         | 4.6               |
| Q GRANT           | FOSSIL     | 13,990        | 4.6               |
| FTW1134 Q Hybrid  | FOSSIL     | 11,995        | 4.6               |
| Q Machine         | FOSSIL     | 10,796        | 4.6               |
| FTW5011 Hybrid    | FOSSIL     | 8,995         | 4.8               |

# PROJECT

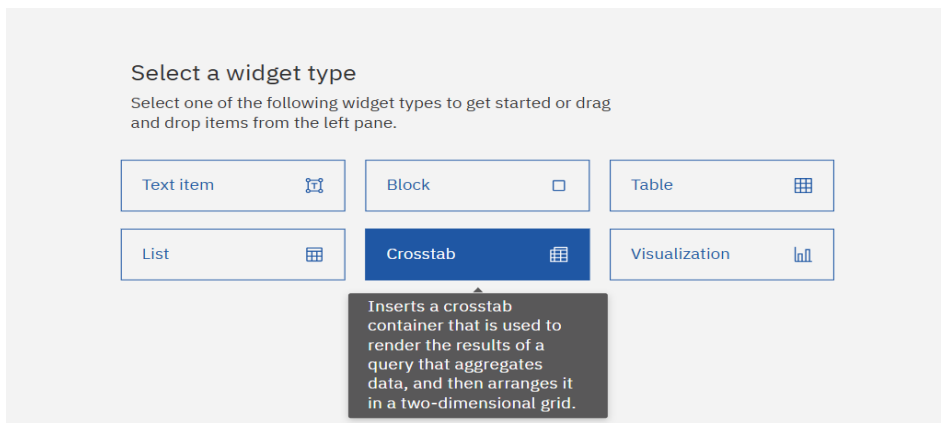
**Problem Statement 04 :** Display a **cross-tab report** showing the **average rating** per brand.

## SOLUTION:

**Columns Used:** Brand Name , Rating (Out of 5).

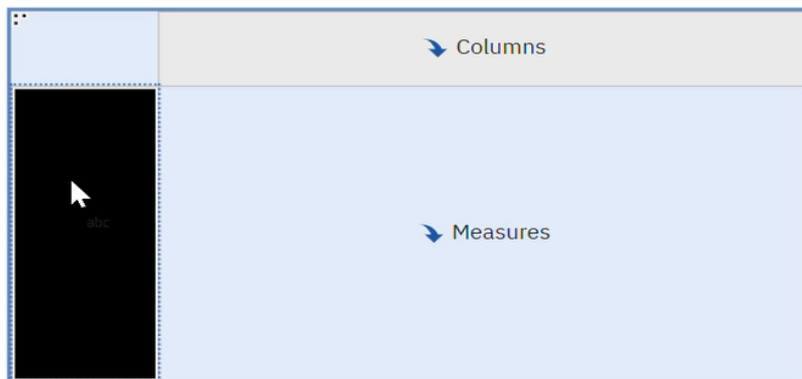
**Cognos Feature:** Crosstab Report + Aggregation Function (AVG).

**Step 1:** Now same as Previously, we have done Click →Hamburger Menu → New → Report → Blank → **Cross-Tab** →



Choose the data Source → **Fitness-Trackers-Data-Module** .

**Step 2:** Then We will drag the **Brand Name** Column into the **Rows** , we will drag it from data at left and we have to leave it exact to the rows when it's blinking black white leave it .



→ Now **drag** the **Rating (Out of 5 )** Column in the **Measures**.

| Rating (Out of 5) | Columns  |
|-------------------|----------|
| <#Brand Name#>    | <#1234#> |
| <#Brand Name#>    | <#1234#> |

**Step 3:** Click the measure cell, open **Properties** or right-click → **Aggregate function** → choose **Average**.

|                                |                           |
|--------------------------------|---------------------------|
| Name                           | Rating (Out of 5)         |
| Label                          |                           |
| Expression                     | [C].[C_Fitness_Tracker... |
| Detail aggregation             | Average                   |
| Summary aggregation            | Average                   |
| Solve order                    |                           |
| ▼ MISCELLANEOUS                |                           |
| Classes                        |                           |
| Summary aggregation            |                           |
| Specifies the type of aggreg   |                           |
| summarized values. These v     |                           |
| higher levels of lists and cro |                           |

**Step 5: Save and Run** the report.

## Save as

Name

Solution of Problem-Statement - 04

Selected destination: My content

**Finally :** You can Now See The Result Average Rating Per Brand.

| Rating (Out of 5) | Columns    |
|-------------------|------------|
| boAt              | 3.9        |
| FitBit            | 4.18627451 |
| realme            | 4.14166667 |
| Honor             | 4.195      |
| Oppo              | 3.9        |
| huami             | 4.15277778 |
| APPLE             | 4.54534884 |
| OnePlus           | 4.3        |
| Huawei            | 4.16153846 |
| GOQii             | 3.35       |
| LCARE             | 3.65       |
| LAVA              | 3.6        |
| Fastrack          | 4.01666667 |
| GARMIN            | 4.086      |
| Xiaomi            | 4.17       |
| Infinix           | 3.8        |
| Noise             | 4.02631579 |
| SAMSUNG           | 4.22916667 |
| FOSSIL            | 4.2443609  |



# PROJECT

**Problem Statement 5 :** Generate a list of all trackers **sorted by number of reviews (descending)** to identify the most popular models.

## SOLUTION:

**Columns Used:** Model Name, Brand Name, Reviews, Rating (Out of 5).

**Cognos Feature:** List Report + Sort.

**Step 1:** Now same as Previously, we have done

- ➔ Come into Your HOME
- ➔ Click ➔ Hamburger Menu ➔ New ➔ Report ➔ Blank ➔ List ➔

Choose the data Source ➔ **Fitness-Trackers-Data-Module** .

**Step 2:** Then We will drag These Listed Columns.

- ➔ **Model Name, Brand Name, Reviews, Rating (Out of 5).**

The screenshot shows the Cognos Analytics interface. On the left, the 'Insertable objects' pane is open, displaying a tree view of data sources. The 'Fitness-trackers-dataset-Merged' source is expanded, showing a list of columns: Brand Name, Device Type, Model Name, Color, Selling Price, Original Price, Display, Rating (Out of 5), Strap Material, Average Battery Life (in days), and Reviews. The 'Rating (Out of 5)' column is highlighted. On the right, a preview table is displayed with the following columns: Brand Name, Model Name, Reviews, and Rating (Out of 5). The table contains four rows of data, each starting with a blue header row and followed by three rows of data. The data rows show placeholder text: <Brand Name>, <Model Name>, <Reviews>, and <Rating (Out of 5)>.

| Brand Name   | Model Name   | Reviews   | Rating (Out of 5)   |
|--------------|--------------|-----------|---------------------|
| <Brand Name> | <Model Name> | <Reviews> | <Rating (Out of 5)> |
| <Brand Name> | <Model Name> | <Reviews> | <Rating (Out of 5)> |
| <Brand Name> | <Model Name> | <Reviews> | <Rating (Out of 5)> |

**Step 3:** To sort by Number of Reviews descending:

➔ click the column header '**Reviews**' → **Sort** → **Descending** .

| Brand Name   | Model Name   | Reviews   | Rating (Out of 5) |
|--------------|--------------|-----------|-------------------|
| <Brand Name> | <Model Name> |           |                   |
| <Brand Name> | <Model Name> |           |                   |
| <Brand Name> | <Model Name> | <Reviews> |                   |

Sort in Layout

↑

Ascending

↓

Descending

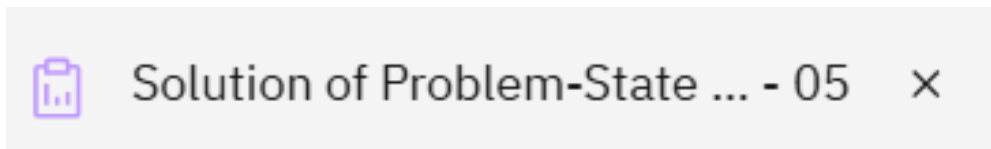
↕

Don't sort

Other Sort Options

Edit layout sorting...

**Step 3:** Save and Run the report. The list will show most-reviewed models at the top.



**Step 4:** Now Run .

**Finally:** The Results are here , Brand Name by Descending Sorting Order so , we can Identify the Most Popular Modal.

| Brand Name | Model Name          | Reviews | Rating (Out of 5) |
|------------|---------------------|---------|-------------------|
| Honor      | Band 3              | 46,974  | 4.3               |
| Honor      | Band 4              | 35,618  | 4.4               |
| boAt       | Xplorer             | 23,069  | 3.8               |
| boAt       | O2                  | 20,122  | 4.1               |
| Honor      | Band 5              | 13,884  | 4.4               |
| Fire-Boltt | Mercury             | 9,882   | 4                 |
| Honor      | Band 5i             | 9,256   | 4.2               |
| huami      | Amazfit GTS         | 7,628   | 4.3               |
| Honor      | Band 6              | 6,568   | 4.3               |
| Fire-Boltt | Ninja touch to Wake | 6,046   | 3.9               |
| huami      | Amazfit Bip         | 5,668   | 4.24              |
| Honor      | band 4 running      | 4,628   | 3.2               |
| realme     | S                   | 4,142   | 4.3               |
| Fire-Boltt | SpO2 Full Touch     | 2,525   | 4                 |
| huami      | Amazfit Bip S       | 1,956   | 3.95              |
| Honor      | Magic Watch 2       | 1,663   | 4.4               |
| huami      | Amazfit Verge       | 1,643   | 4.125             |
| Fire-Boltt | Ninja Pro           | 1,376   | 4                 |
| huami      | Amazfit Bip U       | 1,334   | 4.2               |
| boAt       | Vertex              | 1,301   | 3.9               |

[⏮ Top](#)
[⬆ Page up](#)
[⬇ Page down](#)
[⏭ Bottom](#)

# PROJECT

**Problem Statement 06 :** Create a prompt where a user selects a **Device Type** (Smartwatch / FitnessBand). For the selected Device Type show:

- **COUNT** of models,
- **SUM** of Selling Price,
- **MIN** Selling Price,
- **MAX** Selling Price.

Also format the **COUNT** and **SUM** values to use a larger font and change their color (e.g., make COUNT red and SUM blue) so they stand out.

## SOLUTION:

**Columns used:** Device Type, Model Name, Selling Price

**Cognos Feature:** Data Module + Filter Definition.

**Step 1:** Now same as Previously, we have done Click → Hamburger Menu → New → Report → Blank → List →

Choose the data Source → **Fitness-Trackers-Data-Module** .

**Step 2:** Then We will drag These Listed Columns.

→ Device Type, Model Name, Selling Price

| Device Type   | Model Name   | Selling Price   |
|---------------|--------------|-----------------|
| <Device Type> | <Model Name> | <Selling Price> |
| <Device Type> | <Model Name> | <Selling Price> |
| <Device Type> | <Model Name> | <Selling Price> |

- ➔ Now, at the Top as we Previously done select Prompt Page , **Report** → **Prompt pages**. drag **Value prompt** onto the prompt page. The Promot Wizard will ask for Create a Parameter Name it -> **?DeviceType?** .

**Prompt Wizard - Value prompt** ×

**Choose Parameter**  
Create a new parameter or use an existing parameter from a previously authored expression.

☒ Create a new parameter

☐ Use existing parameter

☐ Use global parameter

Parameter1|

Cancel

< Back

Next >

Finish

- ➔ Now in the Create a Parameterized Filter Write this , and Add Package item **Device Type**.

**Prompt Wizard - Value prompt**

**Create Filter**  
Choose the package item that will be used to filter the report.

☒ Create a parameterized filter

Package item:

[C].[C\_Fitness\_Tracker\_Dataset\_Merged].[f

:

Operator:

in

▼

Parameter:

?DeviceType?

☐ Make the filter optional

Cancel

< Back

Next >

Finish

GROUP NUMBER - 06

➔ Now, in the Create a New Query Put this, and Choose **Display Type** for both same as in Value to use and Value to display, then Click **FINISH**.

### Prompt Wizard - Value prompt

#### Populate control

What values do you want to pick from? Use values are the retrieved data, and Display values are the selectable values that the user sees.

☒ Create new query

Name:

Values to use:  ⋮

Values to display:  ⋮

Cascading source:

**Step 3:** Now come in the Main Report, and Add **Detail Filter** then **Advance** then **give the Expression** .

Detail filter expression - Query1 ✕

Available Components: ✓ 🔍 📄 📊 ✂ 📋 🔗 ⊖

Fitness-Tracker-Dataset-Merged

- Fitness\_trackers\_updated.csv - Join (1)
- Fitness\_trackers\_updated.csv
- Fitness\_trackers.csv

Expression Definition:

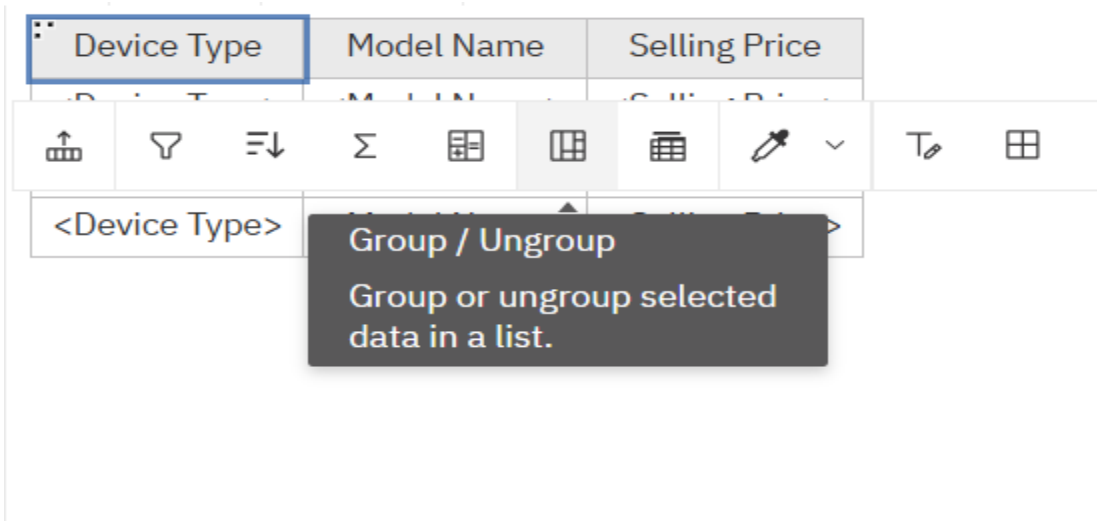
[Device Type] = ?DeviceType?

Information:

🔍 📄 📊 ✂ 📋 🔗 ⊖

**Tips** Errors

**Step 4.** Right-click Device Type column header → **Group**.



➔ Right-click Model Name column → **Insert summary** → choose **Count**.

➔ Right-click Selling Price column → **Insert summary** → choose **Sum**.

| Device Type           | Model Count  | Selling Price          |
|-----------------------|--------------|------------------------|
| <Device Type>         | <Model Name> | <Selling Price>        |
| <Device Type> - Total |              | <Total(Selling Price)> |
| <Device Type>         | <Model Name> | <Selling Price>        |
| <Device Type> - Total |              | <Total(Selling Price)> |
| Overall - Total       |              | <Total(Selling Price)> |

- ➔ Right-click Selling Price column again → **Insert summary** → choose **Minimum** → Label Min Price.

| Device Type             | Model Count  | Selling Price            |
|-------------------------|--------------|--------------------------|
| <Device Type>           | <Model Name> | <Selling Price>          |
| <Device Type> - Total   |              | <Total(Selling Price)>   |
| <Device Type> - Minimum |              | <Minimum(Selling Price)> |
| <Device Type>           | <Model Name> | <Selling Price>          |
| <Device Type> - Total   |              | <Total(Selling Price)>   |
| <Device Type> - Minimum |              | <Minimum(Selling Price)> |
| Overall - Total         |              | <Total(Selling Price)>   |
| Overall - Minimum       |              | <Minimum(Selling Price)> |

- ➔ Choosing Minimum Maximum .

| Device Type                        | Model Count  | Selling Price                       |
|------------------------------------|--------------|-------------------------------------|
| <Device Type>                      | <Model Name> | <Selling Price>                     |
| <Device Type> - Total              |              | <Total(Selling Price)>              |
| <Device Type> - Minimum            |              | <Minimum(Selling Price)>            |
| <Device Type> - Maximum            |              | <Maximum(Selling Price)>            |
| <Device Type> - Average            |              | <Average(Selling Price)>            |
| <Device Type> - Median             |              | <Median(Selling Price)>             |
| <Device Type> - Standard deviation |              | <Standard deviation(Selling Price)> |
| <Device Type> - Variance           |              | <Variance(Selling Price)>           |
| Overall - Total                    |              | <Total(Selling Price)>              |
| Overall - Minimum                  |              | <Minimum(Selling Price)>            |
| Overall - Maximum                  |              | <Maximum(Selling Price)>            |
| Overall - Average                  |              | <Average(Selling Price)>            |
| Overall - Median                   |              | <Median(Selling Price)>             |
| Overall - Standard deviation       |              | <Standard deviation(Selling Price)> |
| Overall - Variance                 |              | <Variance(Selling Price)>           |

The screenshot shows the 'Insert summary' dropdown menu for the 'Selling Price' column. The menu is open, displaying a list of summary functions. The 'Minimum' option is highlighted, indicating it has been selected. The menu also includes options for 'Total', 'Count', 'Count distinct', 'Average', 'Maximum', 'Median', 'Standard deviation', 'Variance', 'Calculated', and 'Custom...'. The 'Default summary' option is also visible at the top of the menu.



**Step 6:** Format COUNT and SUM (font size & color).

- **Font Size** = 14 (or larger)
- **Font Weight** = Bold
- **Color** = click color picker → choose **red** (or enter hex like #FF0000)

| Device Type             |              | Model Count              | Selling Price |
|-------------------------|--------------|--------------------------|---------------|
| <Device Type> - Minimum |              | <Minimum(Selling Price)> |               |
| <Device Type> - Maximum |              | <Maximum(Selling Price)> |               |
| <Device Type>           | <Model Name> | <Selling Price>          |               |
| <Device Type> - Total   |              | <Total(Selling Price)>   |               |
| <Device Type> - Minimum |              | <Minimum(Selling Price)> |               |
| <Device Type> - Maximum |              | <Maximum(Selling Price)> |               |
| Overall - Total         |              | <Total(Selling Price)>   |               |
| Overall - Minimum       |              | <Minimum(Selling Price)> |               |
| Overall - Maximum       |              | <Maximum(Selling Price)> |               |

**Step 7 :** Click the Total Selling Price summary cell:

- **Font Size** = 14
- **Font Weight** = Bold
- **Color** = blue (e.g., #0000FF)

|                          |
|--------------------------|
| <Selling Price>          |
| <Total(Selling Price)>   |
| <Minimum(Selling Price)> |
| <Maximum(Selling Price)> |
| <Selling Price>          |

➔ Now **SAVE** and **RUN**.

Save as

Name

Problem statment 6 -> Solution 06

➔ Now Choose The Device Type.

Prompt

Provide values for the report you are about to run.

DeviceType

\*

DeviceType



➔ Now One More Time Click **Run** → The Prompt page appears. Select a Device Type (e.g., **Smartwatch**) → Finish.

FitnessBand



DeviceType

-----

FitnessBand

Smartwatch

➔ These are the Results. Based on Your Selection.

| Device Type | Model Count                    | Selling Price |
|-------------|--------------------------------|---------------|
| FitnessBand | HMSH01GE                       | 1,722         |
|             | Steven Harrington Edition Band | 3,299         |
|             | Band                           | 5,288         |
|             | Charge 4                       | 20,998        |
|             | Inspire 2                      | 6,999         |
|             | Inspire HR                     | 17,096        |
|             | Charge 3 Special Edition       | 9,999         |
|             | band 4 running                 | 1,649         |
|             | Beat                           | 2,999         |
|             | ColorFit2                      | 1,699         |
|             | ZEB-FIT450                     | 1,699         |
|             | Band - HRX Edition             | 1,299         |
|             | Band 2                         | 18,795        |
|             | Inspire                        | 13,289        |
|             | Charge 2                       | 91,491        |
|             | Band 4                         | 7,198         |
|             | Band Z1                        | 5,499         |
|             | Vital 3.0                      | 3,999         |
|             | Mambo                          | 1.699         |

➔ This is the end of Report Looks Like.

| Device Type           | Model Count       | Selling Price |
|-----------------------|-------------------|---------------|
| FitnessBand           | Band 5i           | 4,268         |
|                       | Band 5            | 8,696         |
|                       | Reflex Smart Band | 2,790         |
|                       | Activity Tracker  | 13,201        |
| FitnessBand - Total   |                   | 413,923       |
| FitnessBand - Minimum |                   | 1,270         |
| FitnessBand - Maximum |                   | 91,491        |
| Overall - Total       |                   | 413,923       |
| Overall - Minimum     |                   | 1,270         |
| Overall - Maximum     |                   | 91,491        |

**Finally :** Report Looks Like This.

# PROJECT

**Problem Statement 07:** Allow the user to select a **Display type** (e.g., AMOLED, LCD) and display all **water-resistant** products of that Display with **Rating  $\geq 4.5$** .

**Columns Used:** Display, Rating (Out of 5), Model Name, Brand Name

## SOLUTION:

**Columns Used:** Model Name, Brand Name, Display, Rating (Out of 5)

**Cognos Feature:** Crosstab + Summary Filter.

**Step 1:** Now same as Previously, we have done

- ➔ Come into Your HOME
- ➔ Click ➔ Hamburger Menu ➔ New ➔ Report ➔ Blank ➔ List ➔

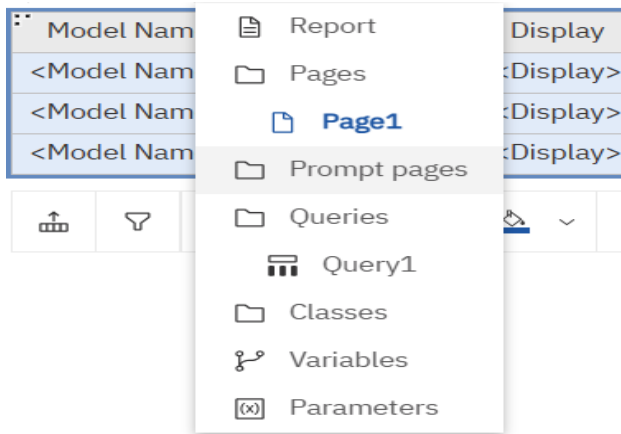
Choose the data Source ➔ **Fitness-Trackers-Data-Module** .

**Step 2:** Then We will drag These Listed Columns.

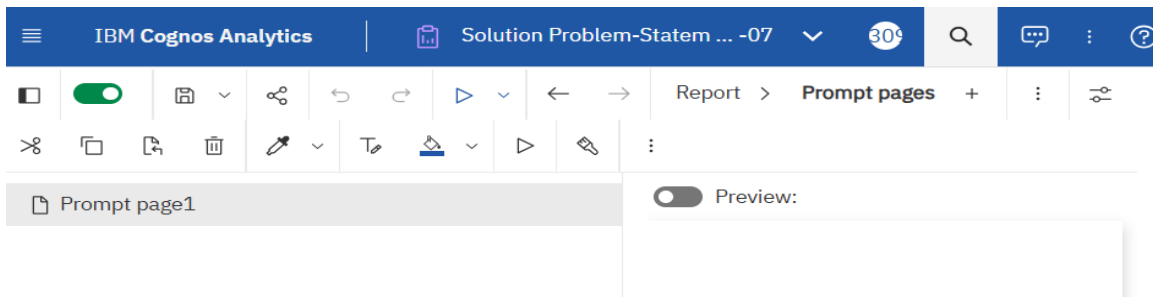
- ➔ **Drag: Model Name, Brand Name, Display, Rating (Out of 5) onto the list.**

| Model Name   | Brand Name   | Display   | Rating (Out of 5)   |
|--------------|--------------|-----------|---------------------|
| <Model Name> | <Brand Name> | <Display> | <Rating (Out of 5)> |
| <Model Name> | <Brand Name> | <Display> | <Rating (Out of 5)> |
| <Model Name> | <Brand Name> | <Display> | <Rating (Out of 5)> |

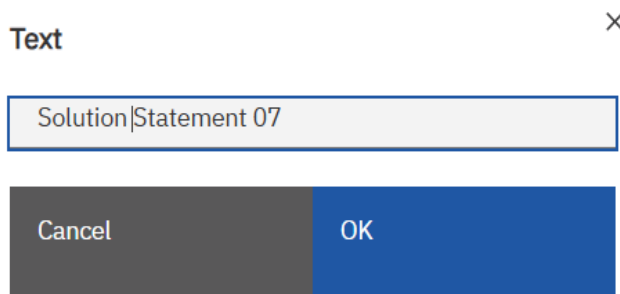
**Step 3: Create Prompt Pages** as Previously we have done, From top nav: **Report** → **Prompt pages**.



**Step 4:** Toolbox → drag **Page** into Prompt pages area, Double-click the prompt page to open it, edit the page.

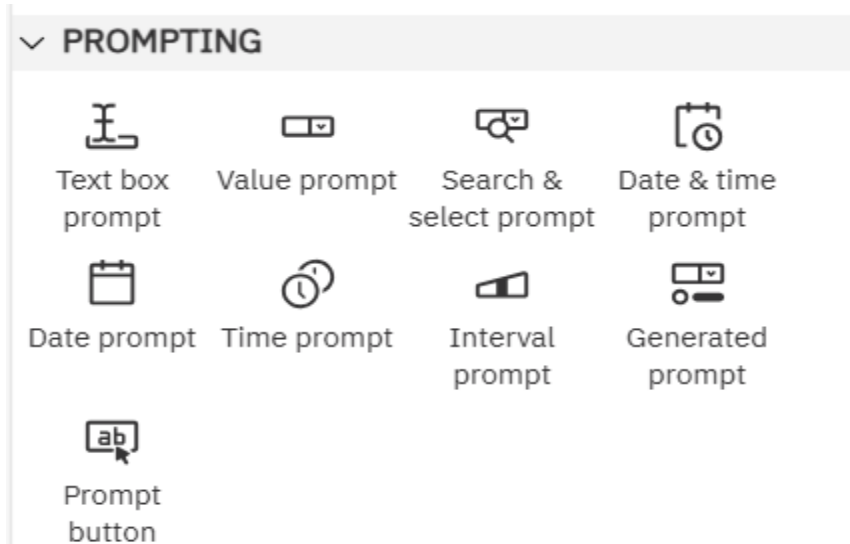


➔ You can **change** the **Header** for this **Prompt page** by Double clicking in the TEXT.



## ➔ Add Value Prompt

Toolbox → **Prompting** → **Value Prompt** → drag to prompt page.



## ➔ In Prompt Wizard set:

**Prompt Wizard - Value prompt** ×

**Choose Parameter**  
Create a new parameter or use an existing parameter from a previously authored expression.

☒ Create a new parameter

DisplayType   Display   Displays

☐ Use existing parameter

☐ Use global parameter

Cancel

< Back

Next >

Finish

➔ Now, Click **Next** Then Fill this on the Create filter and then **Next**.

**Prompt Wizard - Value prompt**

**Create Filter**  
Choose the package item that will be used to filter the report.

---

☒ Create a parameterized filter

Package item:  :

Operator:  ▼

Parameter:

☐ Make the filter optional

Cancel < Back Next > Finish

➔ Now this will appear, Fill this ➔ then Click **FINISH**.

**Prompt Wizard - Value prompt**

**Populate control**  
What values do you want to pick from? Use values are the retrieved data, and Display values are the selectable values that the user sees.

---

☒ Create new query

Name:

Values to use:  [

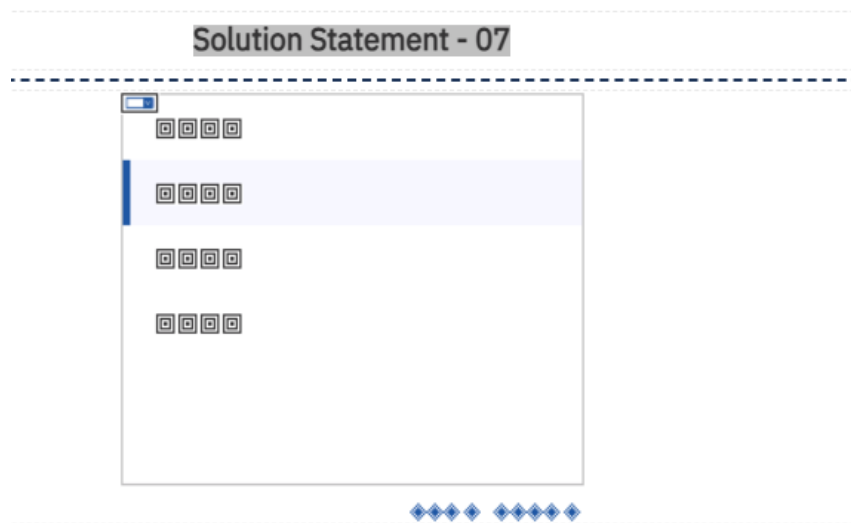
Values to display:  [

Cascading source:

Cancel < Back Next > Finish



- ➔ Now You Will be Seeing this . Now You done with Page Prompt . Now **come into the Report Page**. Click **Filters (funnel icon)** → **Edit Filters** → **Detail Filters** → **Add**.



- ➔ In your Report , Click **Filters (funnel icon)** → **Edit Filters** → **Detail Filters** → **Add** then give this as the Expression.

#### Detail filter expression - Query1

Available Components:

- Model Name
- Brand Name
- Display
- Rating (Out of 5)

Expression Definition:

[Display] = ?DisplayType? AND [Rating (Out of 5)] >= 4.5

Information:



Tips

Errors

Cancel

OK

➔ Now , **Save then Run.**

Save as

Name

Solution Statement 7

Selected destination: My content

**My content**

Team content

➔ Now this will be Appear Your Given Prompt .

**Solution Statement 07**

\* 

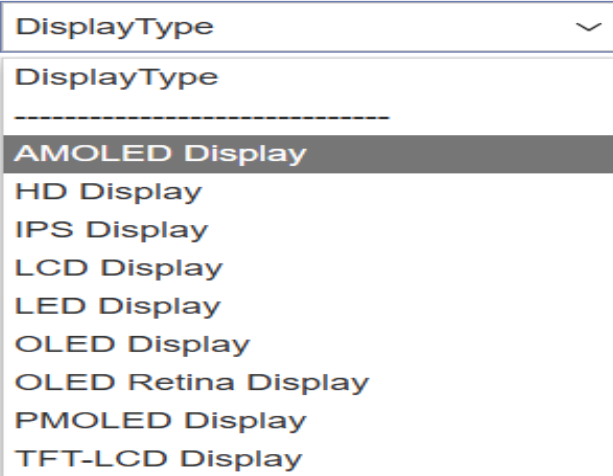
[Select all](#) [Deselect all](#)

➔ Now Select One “**AMOLED DISPLAY**” or any you like to Then Click Okay.-->

**Prompt**

Provide values for the report you are about to

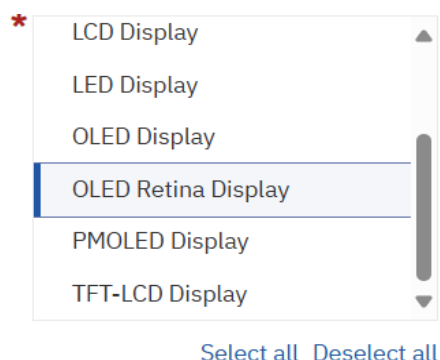
DisplayType

\* 

➔ Here are the Results.

| Model Name                 | Brand Name | Display        | Rating (Out of 5) |
|----------------------------|------------|----------------|-------------------|
| Neutra Hybrid              | FOSSIL     | AMOLED Display | 5                 |
| Q Neely                    | FOSSIL     | AMOLED Display | 4.6               |
| Gen 5E                     | FOSSIL     | AMOLED Display | 4.6               |
| Cameron Hybrid             | FOSSIL     | AMOLED Display | 4.6               |
| Rose Gold Smart            | FOSSIL     | AMOLED Display | 4.6               |
| FTW1146 Q Hybrid           | FOSSIL     | AMOLED Display | 4.6               |
| FTW1141 Q Hybrid           | FOSSIL     | AMOLED Display | 4.6               |
| FTW1134 Q Hybrid           | FOSSIL     | AMOLED Display | 4.6               |
| 5th Gen Julianna           | FOSSIL     | AMOLED Display | 4.6               |
| Q Machine                  | FOSSIL     | AMOLED Display | 4.6               |
| FTW1145 Q Hybrid           | FOSSIL     | AMOLED Display | 4.6               |
| FTW2115 Q Watch            | FOSSIL     | AMOLED Display | 4.6               |
| Forerunner 935             | GARMIN     | AMOLED Display | 4.7               |
| vivoactive 4S 40mm         | GARMIN     | AMOLED Display | 5                 |
| Galaxy Watch 4 LTE         | SAMSUNG    | AMOLED Display | 4.6               |
| Galaxy Watch 4 Classic LTE | SAMSUNG    | AMOLED Display | 4.6               |

➔ Now **RUN** one more time , NoW ,select **Oled Ratina Display** Click OK.



➔ Click **Run** , Now see the **Results** Based on **Oled Retina Display**.

| Brand Name | Model Name  | Display             | Rating (Out of 5) |
|------------|---|---------------------|-------------------|
| APPLE      | SE GPS + Cellular 40 mm Space Grey Aluminium Case           | OLED Retina Display | 4.6               |
| APPLE      | Series 6 GPS 40 mm Silver Aluminium Case                    | OLED Retina Display | 4.5               |
| APPLE      | Series 6 GPS + Cellular 40 mm Graphite Stainless Steel Case | OLED Retina Display | 4.5               |
| APPLE      | SE GPS 44 mm Aluminium Case                                 | OLED Retina Display | 4.7               |
| APPLE      | Series 6 GPS + Cellular 40 mm Gold Stainless Steel Case     | OLED Retina Display | 4.5               |
| APPLE      | Series 5 GPS + Cellular 44 mm Gold Aluminium Case           | OLED Retina Display | 4.7               |
| APPLE      | Series 5 GPS + Cellular 40 mm Space Grey Aluminium Case     | OLED Retina Display | 4.5               |
| APPLE      | SE GPS + Cellular 44 mm Space Grey Aluminium Case           | OLED Retina Display | 4.6               |
| APPLE      | Series 7 GPS + Cellular, 45 mm Aluminium                    | OLED Retina Display | 4.6               |
| APPLE      | Series 6 GPS 40 mm Gold Aluminium Case                      | OLED Retina Display | 4.5               |
| APPLE      | Series 6 GPS 40 mm Space Grey Aluminium Case                | OLED Retina Display | 4.5               |
| APPLE      | Nike Series 5 GPS + Cellular 44 mm                          | OLED Retina Display | 4.7               |
| APPLE      | SE GPS + Cellular 44 mm Gold Aluminium Case                 | OLED Retina Display | 4.56666667        |
| APPLE      | Sport 42 mm Space Grey Aluminium Case                       | OLED Retina Display | 4.6               |
| APPLE      | Series 1 - 38 mm Silver Aluminium Case                      | OLED Retina Display | 4.6               |
| APPLE      | 42 mm Stainless Steel Case                                  | OLED Retina Display | 4.5               |
| APPLE      | Series 3 GPS - 38 mm Space Grey Aluminium Case              | OLED Retina Display | 4.6               |
| APPLE      | SE 40 mm Space Grey Aluminium Case                          | OLED Retina Display | 4.7               |
| APPLE      | SE GPS + Cellular 40 mm Gold Aluminium Case                 | OLED Retina Display | 4.56666667        |
| APPLE      | Series 6 GPS 44 mm Red Aluminium Case                       | OLED Retina Display | 4.5               |

# PROJECT

**Problem Statement 08:** Create a cross-tab showing **average price vs brand**, but only show brands whose **average rating  $\geq 4.2$** .

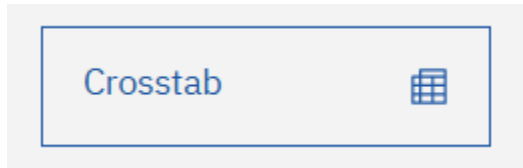
## SOLUTION:

**Columns Used:** Brand, Price, Rating.

**Cognos Feature:** Crosstab + Summary Filter.

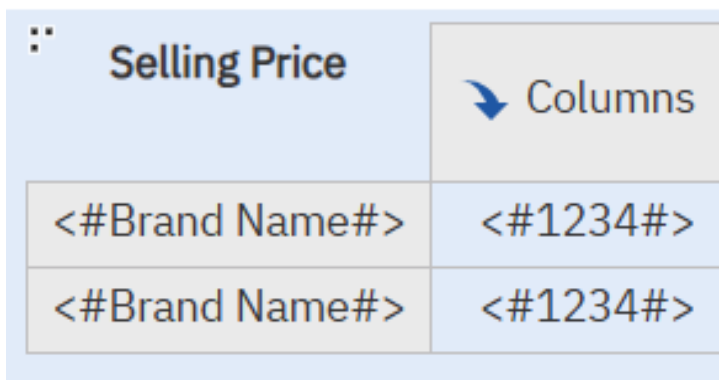
**Step 1:** Now same as Previously, we have done

- ➔ Come into Your HOME
- ➔ Click ➔Hamburger Menu ➔ New ➔ Report ➔ Blank ➔ **Cross-Tab**➔




Choose the data Source ➔ **Fitness-Trackers-Data-Module** .

**Step 2:** Drag **Brand Name** to Rows as Previously When its Starts Blinking while dragging leave it on rows , and same as **Selling Price to Measures**.





|                 |          |
|-----------------|----------|
| ⋮ Selling Price | Columns  |
| <#Brand Name#>  | <#1234#> |
| <#Brand Name#>  | <#1234#> |

➔ Select the Selling Price and in Properties at Left said set Price aggregate to average.

 Average

 Minimum

 Maximum

 Count distinct

**Step 4 :** Open Filters → Summary Filters , add a Summary Filter with expression:

Summary Filters

---

Create filter

×

☐ Custom based on data item

☐ Combined

☒ Advanced

Cancel

OK

Filters - Query1

Detail Filters   **Summary Filters**

▽ [Rating (Out of 5)] >= 4.2

Usage

☒ Required

☐ Optional


☐ Disabled


Scope:  ⋮

+   -   ✎

Cancel   OK

**Step 5:** Validate → Save → Run.







|          |           |
|----------|-----------|
| boAt     | 16,987    |
| FitBit   | 714,961   |
| realme   | 52,833    |
| Honor    | 110,200   |
| Oppo     | 32,980    |
| huami    | 271,715   |
| APPLE    | 4,249,590 |
| OnePlus  | 20,797    |
| Huawei   | 412,740   |
| GOQii    | 12,496    |
| LCARE    | 4,694     |
| LAVA     | 1,999     |
| Fastrack | 10,525    |
| GARMIN   | 3,538,861 |
| Xiaomi   | 41,004    |
| Infinix  | 1,499     |
| Noise    | 60,495    |
| SAMSUNG  | 1,099,266 |
| FOSSIL   | 1,838,719 |

# PROJECT

**Problem Statement 09:** Compare the **total number of models per brand** and show only brands having **more than 5 models** listed.

**Columns Used:** Brand Name, Model Name.

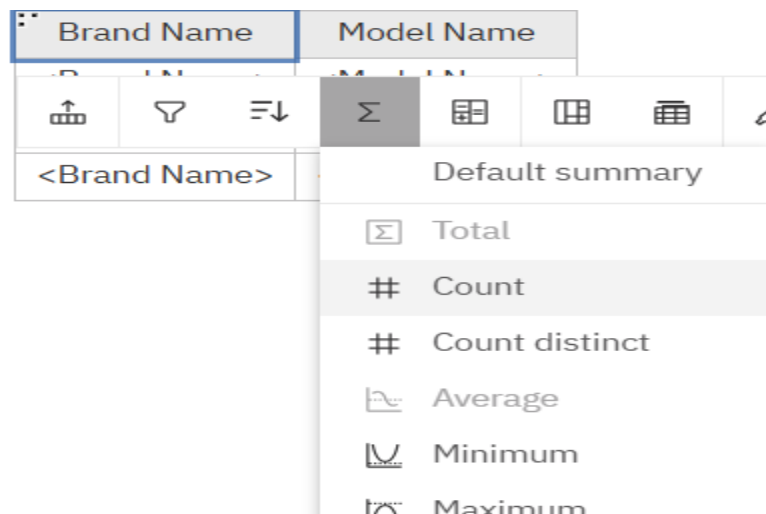
**Cognos Feature:** Summary Report + Filter (COUNT > 5).

## SOLUTION:

**Step 1:** Create a List report and drag Brand Name and Model Name to the canvas.

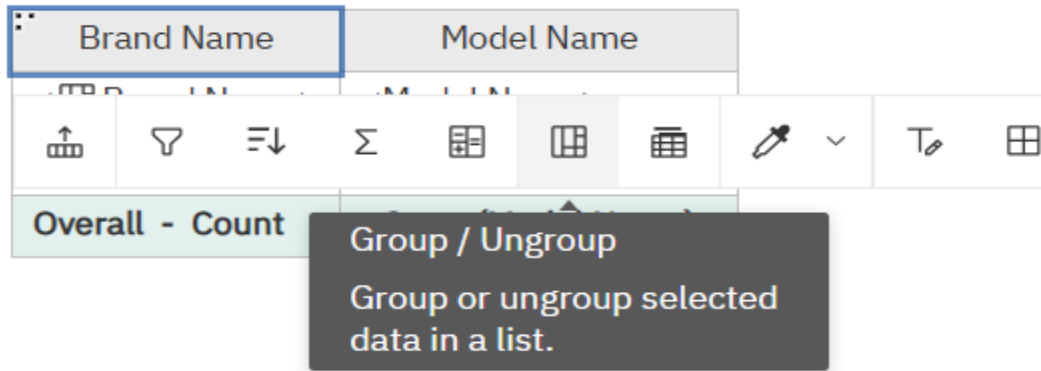
| Brand Name   | Model Name   |
|--------------|--------------|
| <Brand Name> | <Model Name> |
| <Brand Name> | <Model Name> |
| <Brand Name> | <Model Name> |

**Step 2:** Group the list by Brand: → right-click the **Brand column** header → Group (or Insert → Group).





**Step 3:** Insert a summary (count) on Model Name: right-click Model Name → Insert summary → Count. This produces Count(Model Name) per Brand.



**Step 4:** Open Filters → Summary Filters → Add → expression: count([Model Name]) > 5, Validate and OK.

#### Summary filter expression - Query2

Available Components:

Brand Name  
Model Name  
# Count(Model Name)

Expression Definition:

[Count(Model Name)] > 5

Information:

Table icon, Filter icon, Refresh icon, Undo icon, Redo icon

Tips Errors

**Step 5: Save and Run.** The report shows only brands having more than 5 models and the respective counts.

| Brand Name | Model Name         |
|------------|--------------------|
| Huawei     | GT Sport           |
|            | GT2 42mm           |
|            | GT2 46mm           |
|            | GT2 Pro            |
|            | GT2 eActive        |
|            | GT2 eSport         |
|            | Stainless Steel    |
|            | Watch 2            |
|            | Watch 2 Sport      |
|            | Watch 32564546     |
|            | Watch 36456        |
| Infinix    | Band 5             |
| LAVA       | BeFit              |
| LCARE      | Mambo              |
|            | Watch              |
| Noise      | ColorFit           |
|            | ColorFit Brio      |
|            | ColorFit Pro       |
|            | ColorFit Pro 2     |
|            | ColorFit Pro 2 Oxy |

| Brand Name      | Model Name         |
|-----------------|--------------------|
| huami           | Amazfit Verge Lite |
|                 | Bip Lite On        |
| realme          | 2 Pro              |
|                 | 2S                 |
|                 | Band               |
|                 | Band 2             |
|                 | Classic            |
|                 | Fashion            |
|                 | S                  |
|                 | S Master           |
|                 | S Pro              |
|                 | Smart band         |
|                 |                    |
| Overall - Count | 392                |

# PROJECT

**Problem Statement 10:** Create a **List** report that shows product details and also a **summary header and a Footer**.

- ➔ A SUMMURY report showing necessary Information about the Data.
- ➔ Add a **header** with title, and a **footer** that shows The Person who has made it , Group Number of Project.

## SOLUTION:

**Columns used:** Model Name, Brand Name, Selling Price, Original Price, Rating (Out of 5).

**Cognos Features Used:**

- List Report.
- Aggregation .
- Summary Rows.
- Header & Footer
- Formatting for Presentation.

**Step 1:** Now same as Previously, we have done

- ➔ Come into Your HOME
- ➔ Click ➔Hamburger Menu ➔ New ➔ Report ➔ Blank ➔ List ➔


Choose the data Source ➔ **Fitness-Trackers-Data-Module** .


**Step 2:** Then We will drag These Listed Columns.


➔ **Brand Name, Model Name, Selling Price, Original Price, Rating(Out of 5).**


| Brand Name   | Model Name   | Selling Price   | Original Price   | Rating (Out of 5)   |
|--------------|--------------|-----------------|------------------|---------------------|
| <Brand Name> | <Model Name> | <Selling Price> | <Original Price> | <Rating (Out of 5)> |
| <Brand Name> | <Model Name> | <Selling Price> | <Original Price> | <Rating (Out of 5)> |
| <Brand Name> | <Model Name> | <Selling Price> | <Original Price> | <Rating (Out of 5)> |


**Step 3:** Select Brand Name and Select **Group /Ungroup Icon**.






























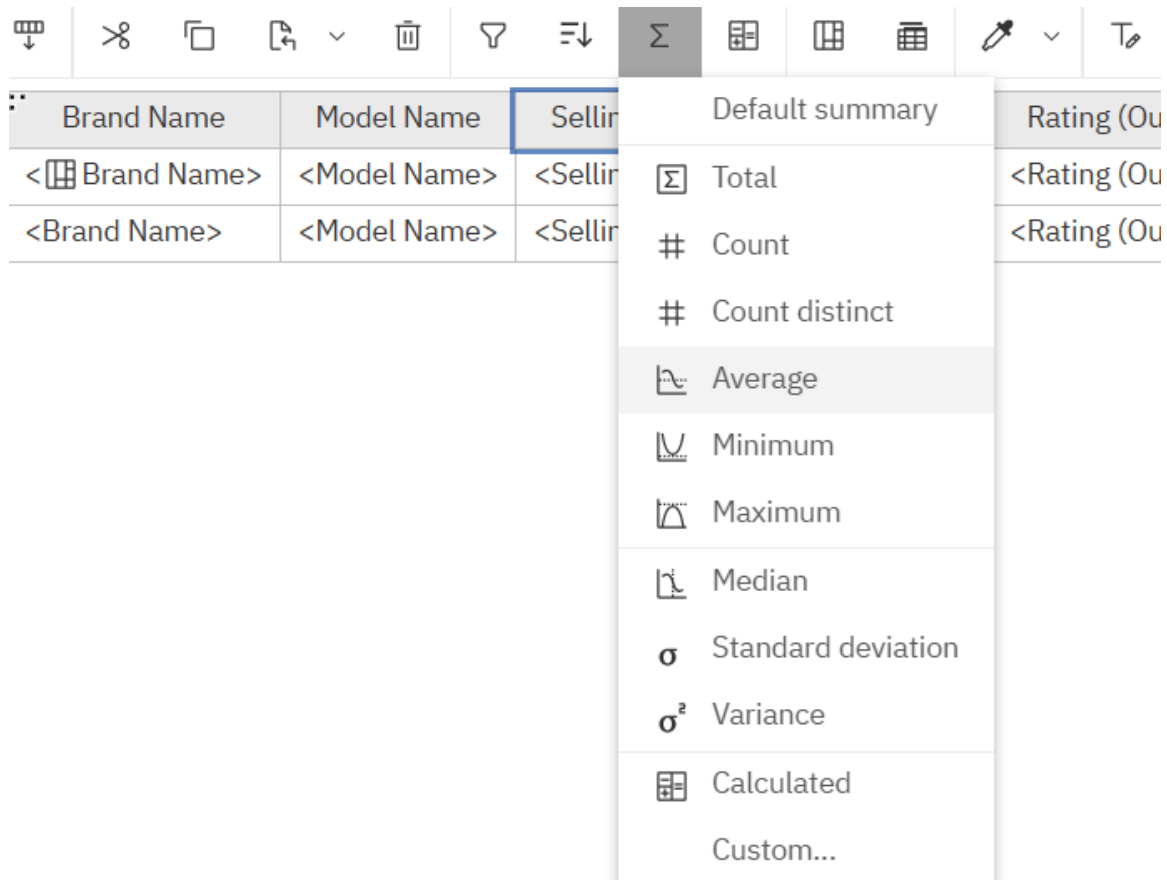


|              |              |                 |                  |                     |
|--------------|--------------|-----------------|------------------|---------------------|
| Brand Name   | Model Name   | Selling Price   | Original Price   | Rating (Out of 5)   |
| <Brand Name> | <Model Name> | <Selling Price> | <Original Price> | <Rating (Out of 5)> |
| <Brand Name> | <Model Name> | <Selling Price> | <Original Price> | <Rating (Out of 5)> |
| <Brand Name> | <Model Name> | <Selling Price> | <Original Price> | <Rating (Out of 5)> |

Group / Ungroup

Group or ungroup selected data in a list.

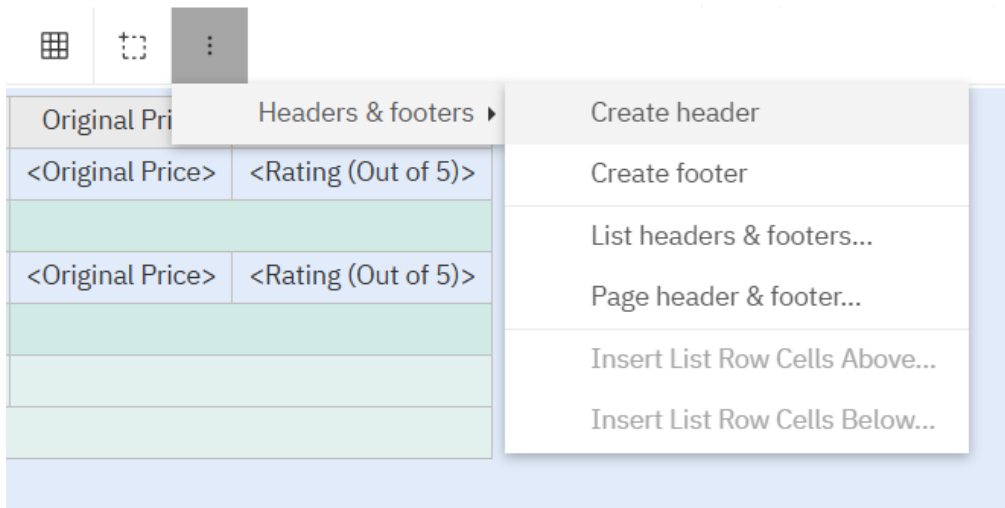
**Step 4: Choose Selling Price and then Click the Sum Icon and choose → Average.**



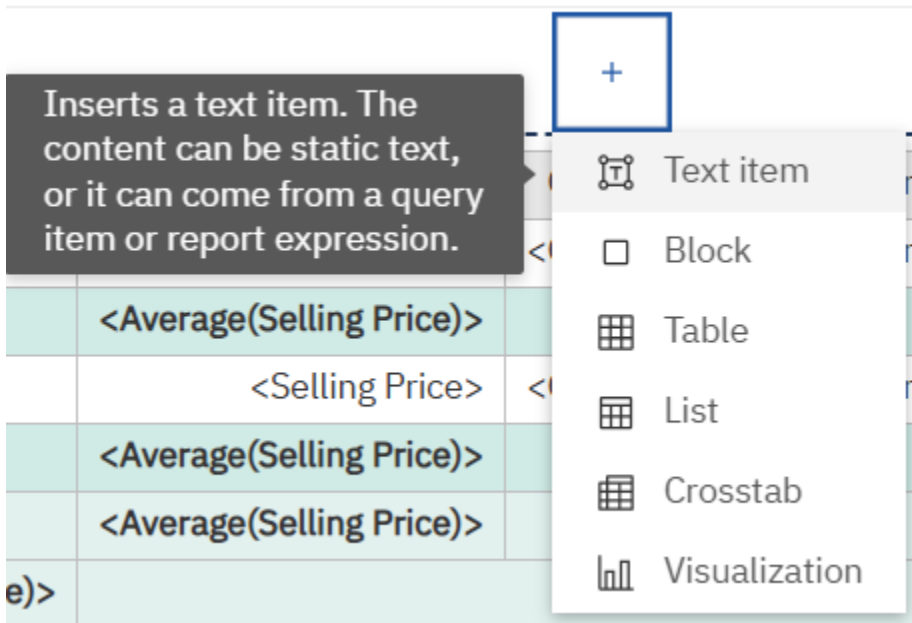
**Step 5: Add one more column for showing Average Brand Name or drag one column beside Brand Name.**

| Brand Name             | Model Name   | Brand Name          | Selling Price            | Original Price   | Rating (Out of 5)   |
|------------------------|--------------|---------------------|--------------------------|------------------|---------------------|
| <Brand Name>           | <Model Name> | <Brand Name>        | <Selling Price>          | <Original Price> | <Rating (Out of 5)> |
| <Brand Name> - Average |              |                     | <Average(Selling Price)> |                  |                     |
| <Brand Name>           | <Model Name> | <Brand Name>        | <Selling Price>          | <Original Price> | <Rating (Out of 5)> |
| <Brand Name> - Average |              |                     | <Average(Selling Price)> |                  |                     |
| Overall - Average      |              |                     | <Average(Selling Price)> |                  |                     |
| Overall - Count        |              | <Count(Brand Name)> |                          |                  |                     |

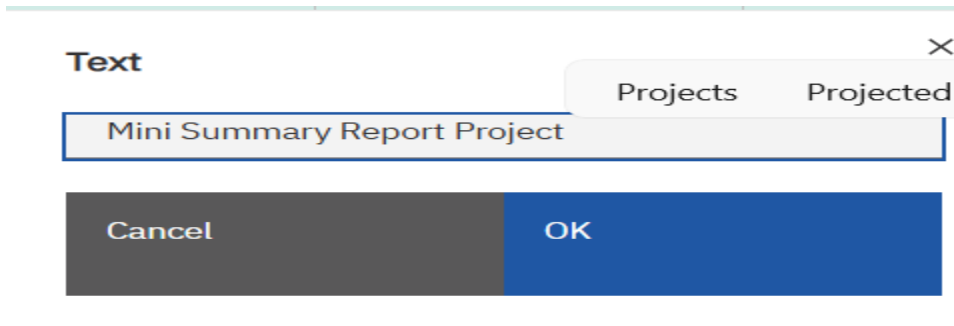
**Step 6 :** Right Click anywhere in the list then choose Header and Footer.



**Step 7 :** Now Insert into your header → insert text.



**Step 8:** Now give it a name.

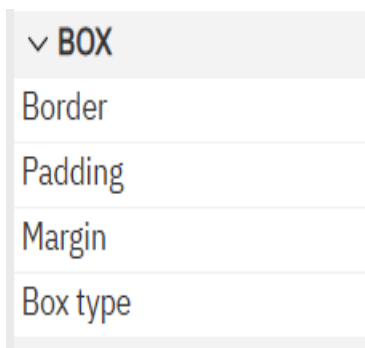


**Step 9 :** Now adjust the Header font size and coloring.

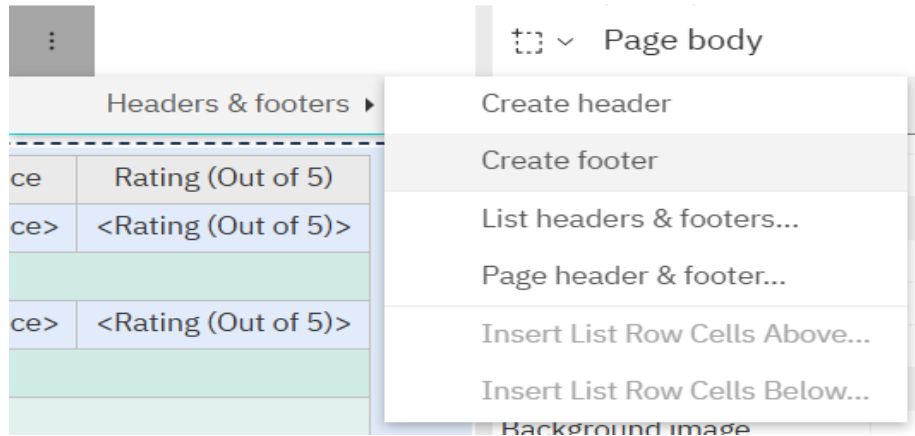
**Before :** 

**After :** 

**Step 10 :** You also can give **Margin and Padding** Right Pannel Properties.



**Step 11:** Now Create Footer ADD Your Name Or Project Group Name At the End Of the Report.



**Step 12 :** Now same as Apply Styling , **FONT, COLOR, Padding** , and adjust it .

**Before :** 

**After :** 



**Step 13 : Now RUN the Report After Saving .**

|                             |                     |            |                        |        |      |
|-----------------------------|---------------------|------------|------------------------|--------|------|
| <b>FOSSIL - Average</b>     |                     |            | <b>21,889.51190476</b> |        |      |
| Fastrack                    | Reflex 2.0          | Fastrack   | 1,395                  | 1,995  | 4.1  |
|                             | Reflex 3.0          | Fastrack   | 4,695                  | 2,995  | 3.95 |
|                             | Reflex Beat         | Fastrack   | 1,645                  | 2,195  | 4    |
|                             | Reflex Smart Band   | Fastrack   | 2,790                  | 1,995  | 4.05 |
| <b>Fastrack - Average</b>   |                     |            | <b>2,631.25</b>        |        |      |
| Fire-Boltt                  | AI-BT Calling       | Fire-Boltt | 4,499                  | 9,999  | 3.7  |
|                             | Almighty            | Fire-Boltt | 4,999                  | 14,999 | 4.1  |
|                             | BSW004              | Fire-Boltt | 4,800                  | 9,999  |      |
|                             | Max                 | Fire-Boltt | 4,499                  | 12,999 | 4    |
|                             | Mercury             | Fire-Boltt | 5,498                  | 7,999  | 4    |
|                             | Ninja Pro           | Fire-Boltt | 3,998                  | 4,999  | 4    |
|                             | Ninja touch to Wake | Fire-Boltt | 1,899                  | 4,999  | 3.9  |
|                             | SpO2 Full Touch     | Fire-Boltt | 2,999                  | 5,999  | 4    |
|                             | Spin                | Fire-Boltt | 11,692                 | 5,999  | 2.4  |
|                             | Talk Bluetooth      | Fire-Boltt | 3,499                  | 9,999  | 4.1  |
|                             | Ultron              | Fire-Boltt | 3,999                  | 10,999 | 4.1  |
| <b>Fire-Boltt - Average</b> |                     |            | <b>4,761.90909091</b>  |        |      |
| FitBit                      | Alta                | FitBit     | 12,999                 | 12,999 | 4.1  |
|                             | Alta HR             | FitBit     | 31,998                 | 15,999 | 4.3  |

***Kanchan Kapri (Group 06)***

## Mini Summary Report Project

| Brand Name        | Model Name         | Brand Name | Selling Price   | Original Price | Rating (Out of 5) |
|-------------------|--------------------|------------|-----------------|----------------|-------------------|
| huami             | Amazfit Verge      | huami      | 42,996          | 11,999         | 4.125             |
|                   | Amazfit Verge Lite | huami      | 5,999           | 8,999          | 4.2               |
|                   | Bip Lite On        | huami      | 7,999           | 14,999         | 4.1               |
| huami - Average   |                    |            | 12,938.80952381 |                |                   |
| realme            | 2 Pro              | realme     | 4,999           | 5,999          | 4.4               |
|                   | 2S                 | realme     | 3,499           | 3,999          | 4.2               |
|                   | Band               | realme     | 2,789           | 2,999          | 4                 |
|                   | Band 2             | realme     | 2,999           | 3,499          | 4.1               |
|                   | Classic            | realme     | 3,921           | 6,999          | 4                 |
|                   | Fashion            | realme     | 5,400           | 6,999          | 4                 |
|                   | S                  | realme     | 11,778          | 7,999          | 4.3               |
|                   | S Master           | realme     | 5,999           | 8,999          | 4.3               |
|                   | S Pro              | realme     | 9,999           | 12,999         | 4.1               |
|                   | Smart band         | realme     | 1,450           | 2,999          | 4                 |
| realme - Average  |                    |            | 5,283.3         |                |                   |
| Overall - Average |                    |            | 29,171.3256351  |                |                   |
| Overall - Count   |                    | 433        |                 |                |                   |

***Kanchan Kapri (Group 06)***