

# HARNESS YEARS OF STRUCTURED SAP DATA WITH SAP ANALYTICS CLOUD



**DALRAE  
SOLUTIONS**

**SAP® Recognized Expertise**  
SAP HANA®

**SAP® Recognized Expertise**  
User Experience



member of the **SAP**  
 **AppHaus** Network

# MEET YOUR SPEAKERS



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# TRANSFORM BUSINESS PROCESSES



**Soil Quality**



**Weather Patterns**



**Previous Yields**

# TRANSFORM BUSINESS PROCESSES



**Sharing Data Between  
Departments**



**Dashboarding**



**Predictive Analytics and  
Data Mining**

# POWER OF SAC



## Live Data

No upload at the end of the day or extractions intermediaries are needed.

Competition advantage – know first that there are big orders on specific product



## Data Coming Direct from On-premise and Cloud

Single source of truth, ensuring that all stakeholders have access to the same, up-to-date information.

SAP BW, SAP BI, SAP ERP, SAP HANA, SQL

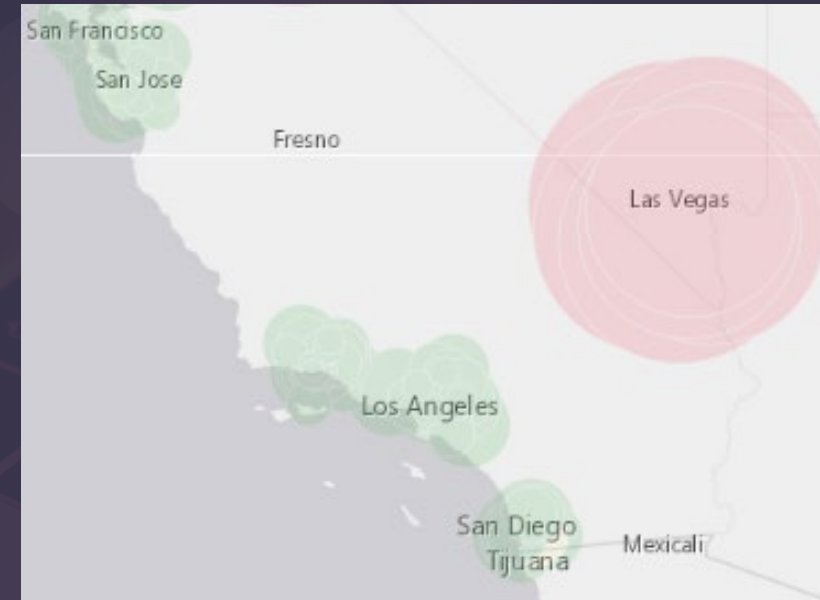
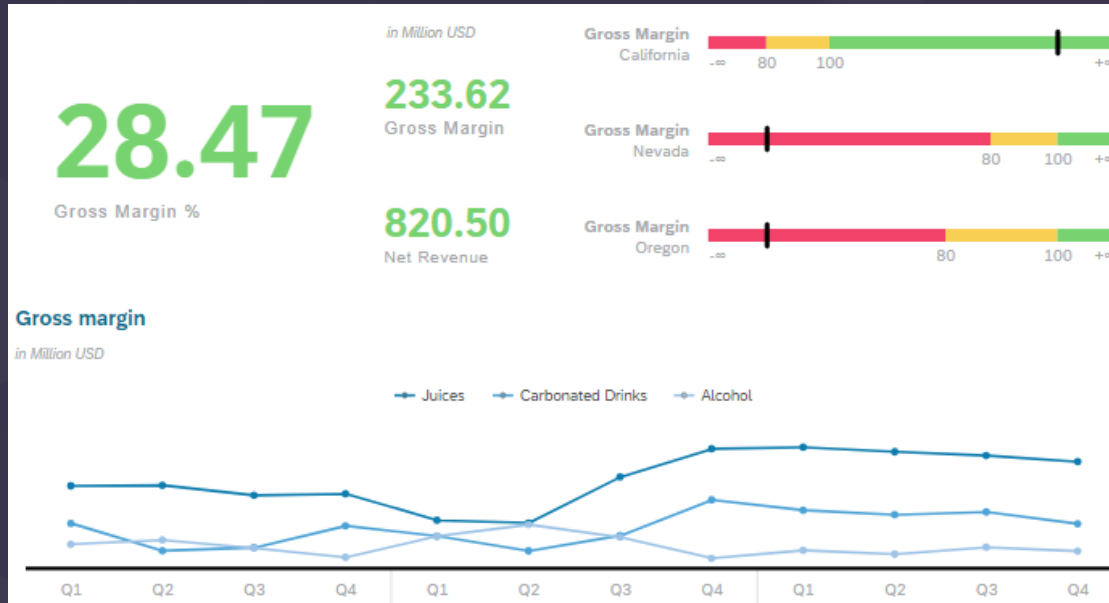
SAP Concur, SuccessFactors, SAP Fieldglass, SAP HANA Cloud



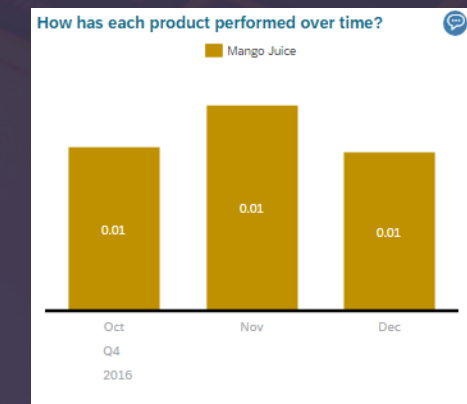
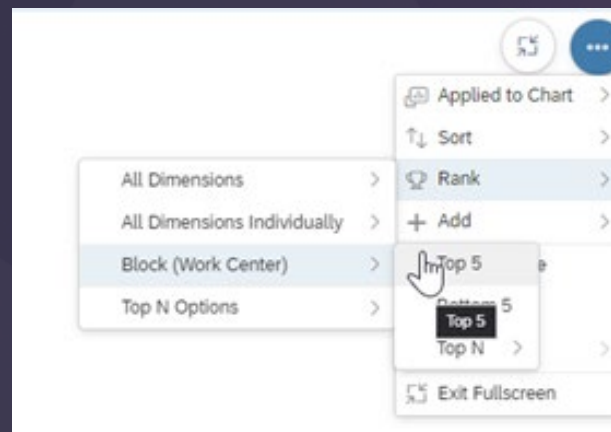
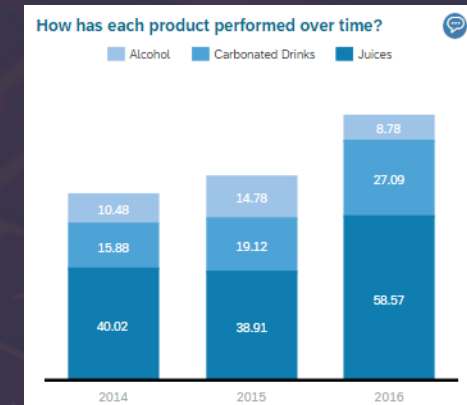
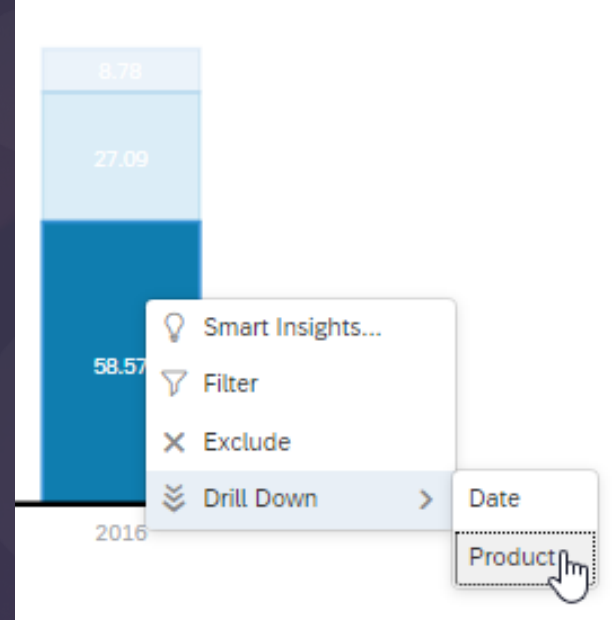
## Augmented by External Sources

Combine Business data with external data through OData services.

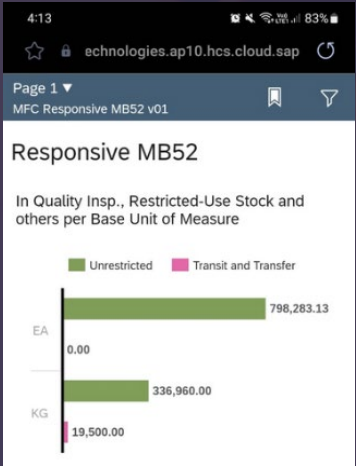
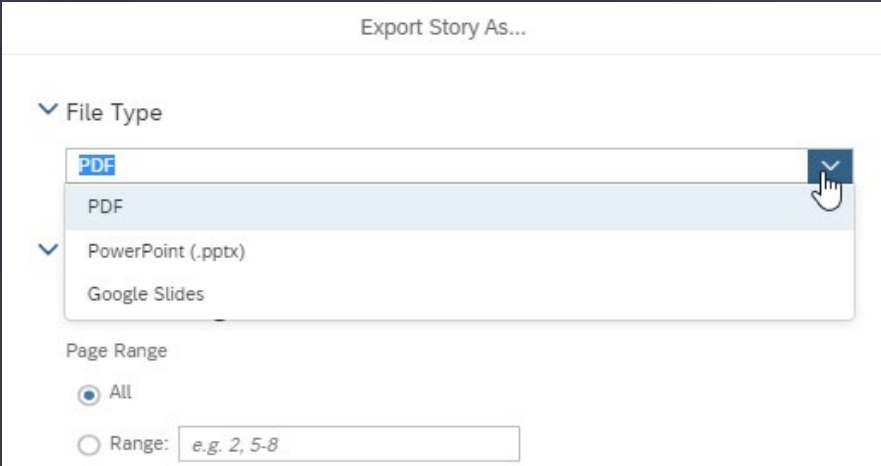
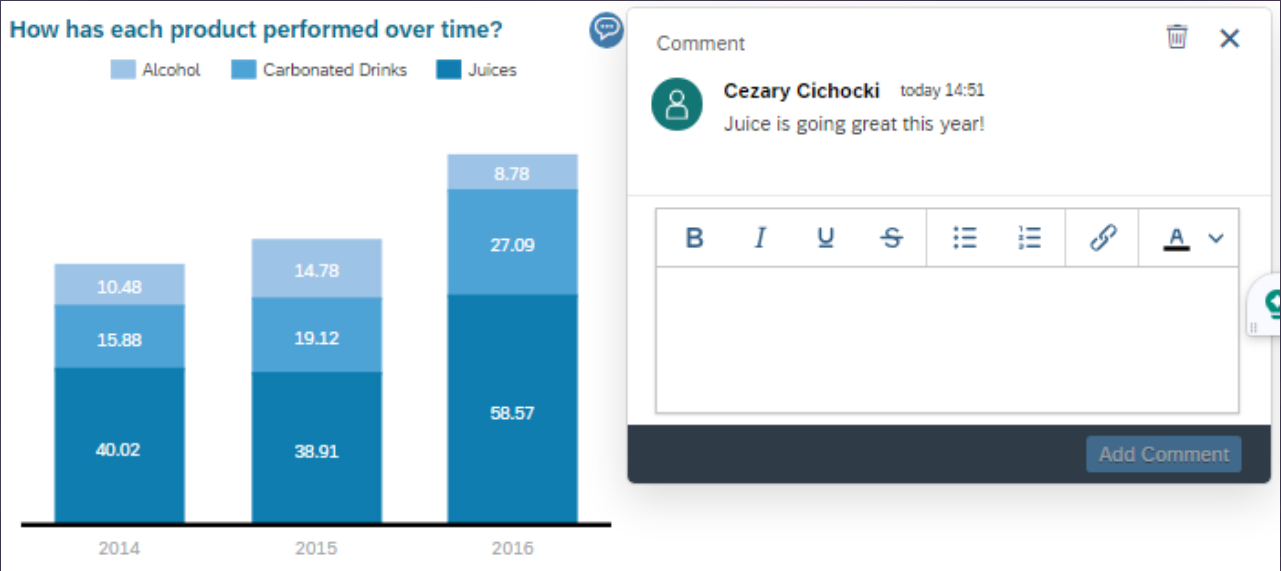
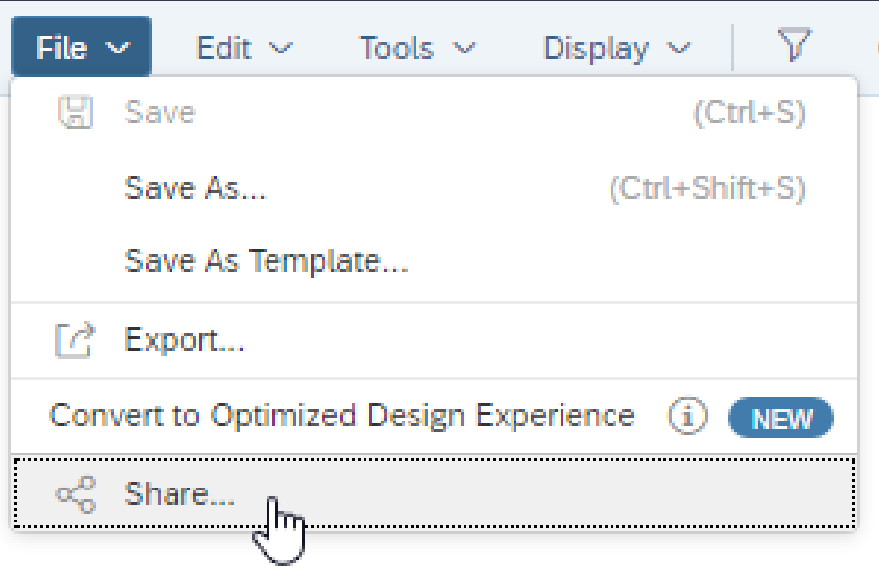
# Experience the Data

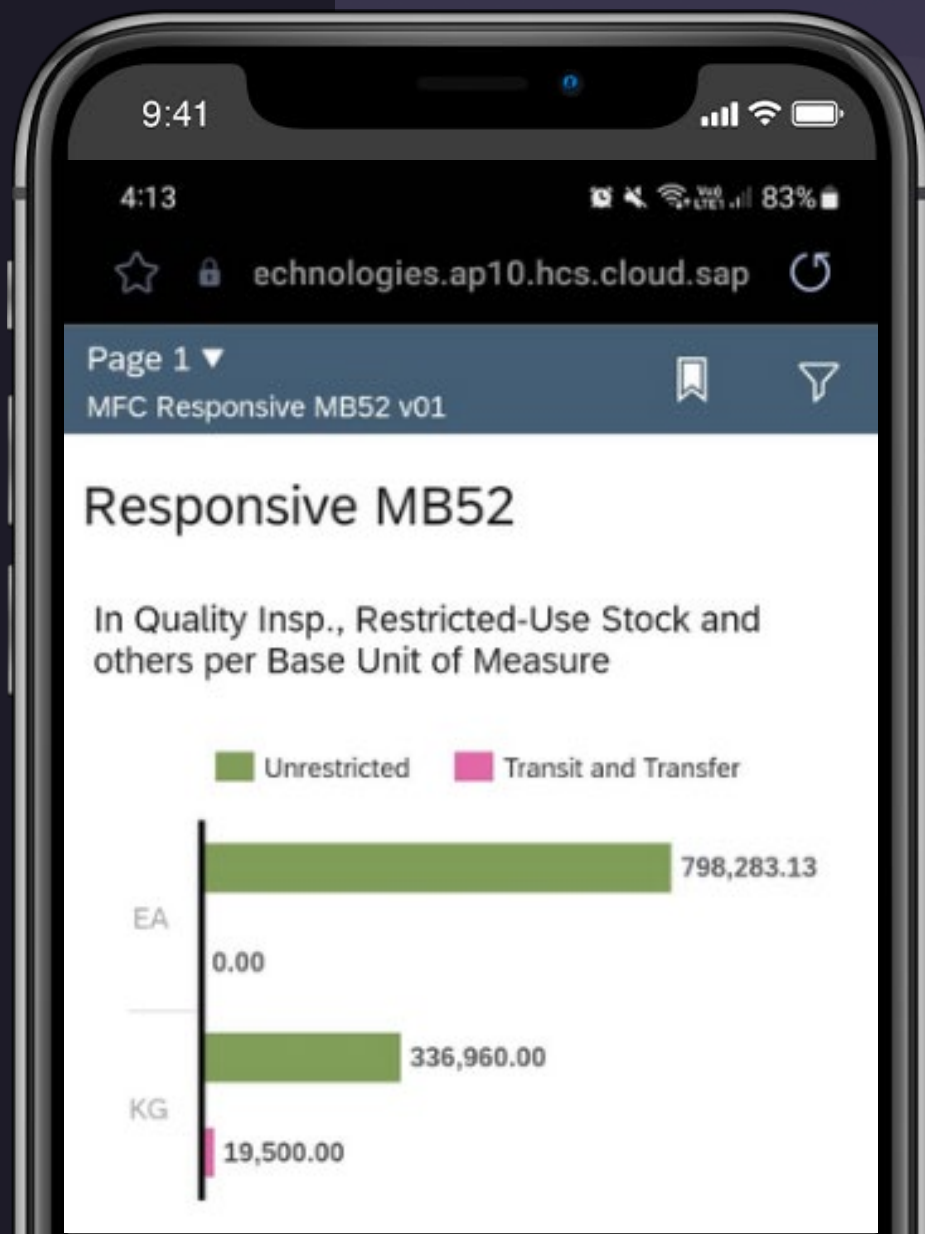


# Explore and Navigate with Ease



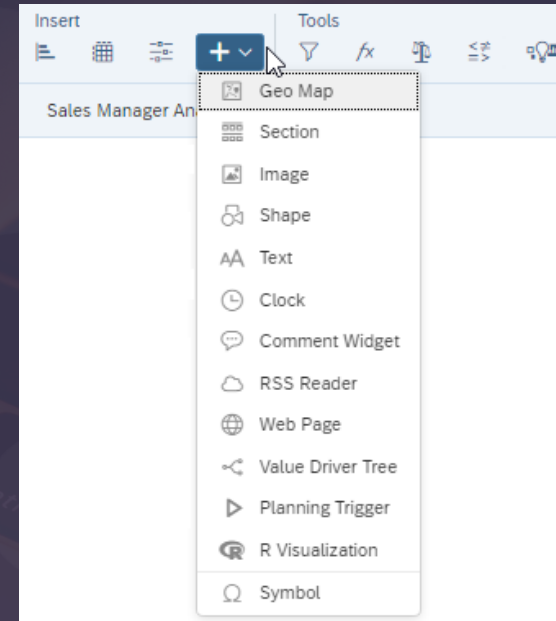
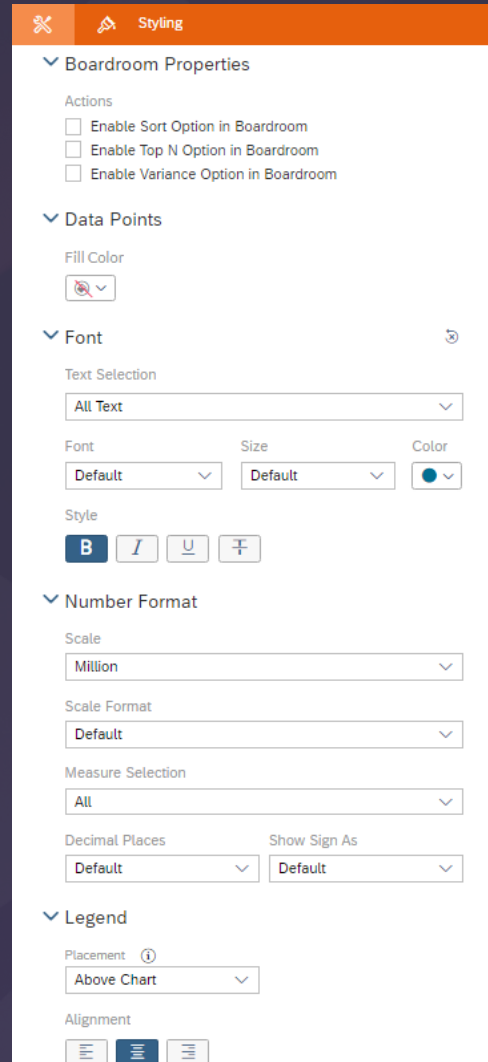
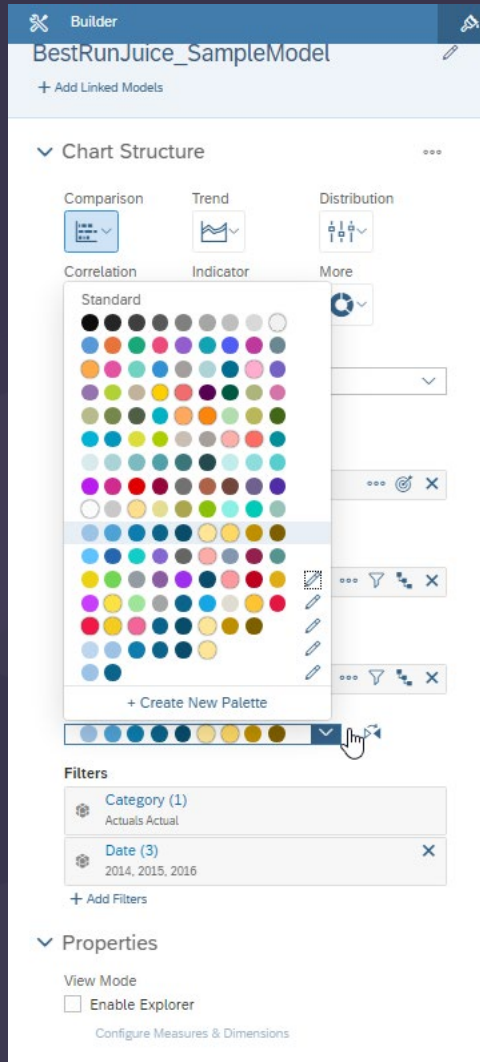
# Share and Collaborate



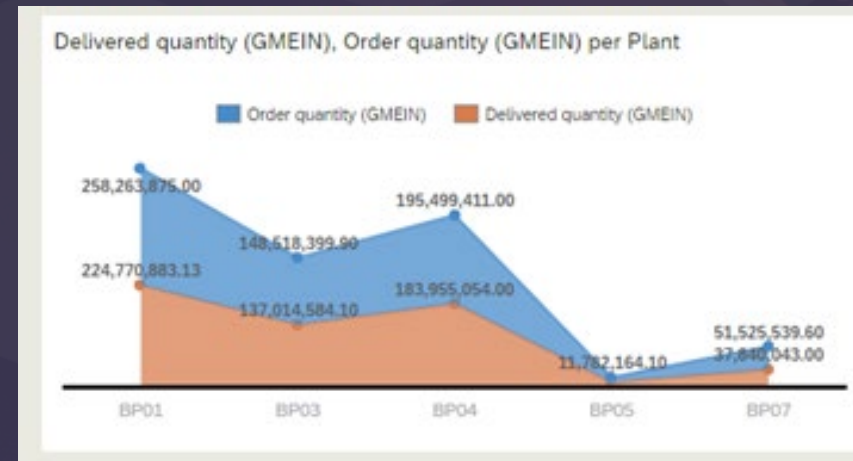
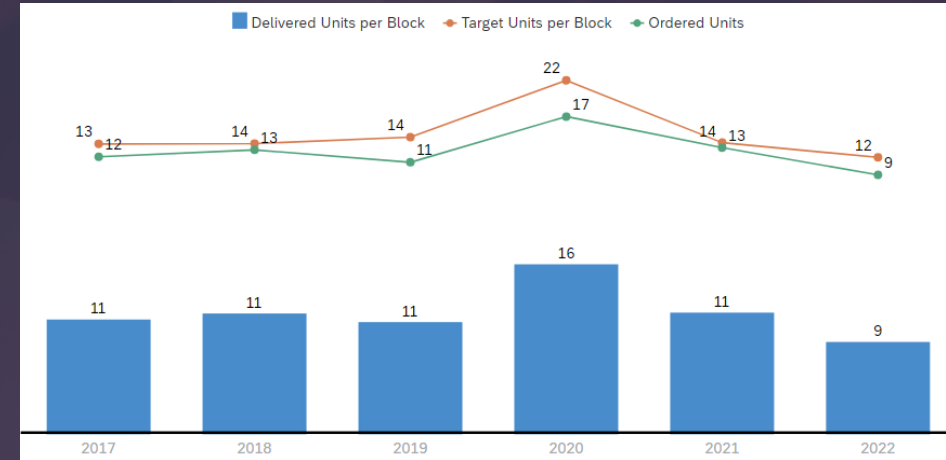
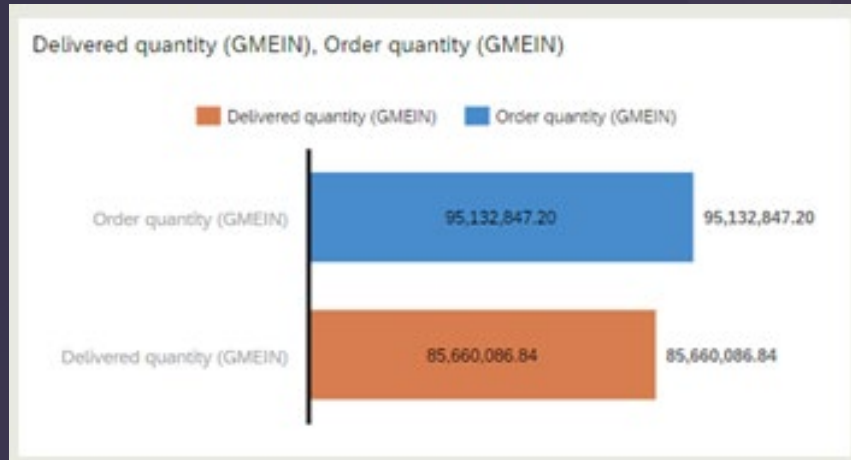


# Go Mobile

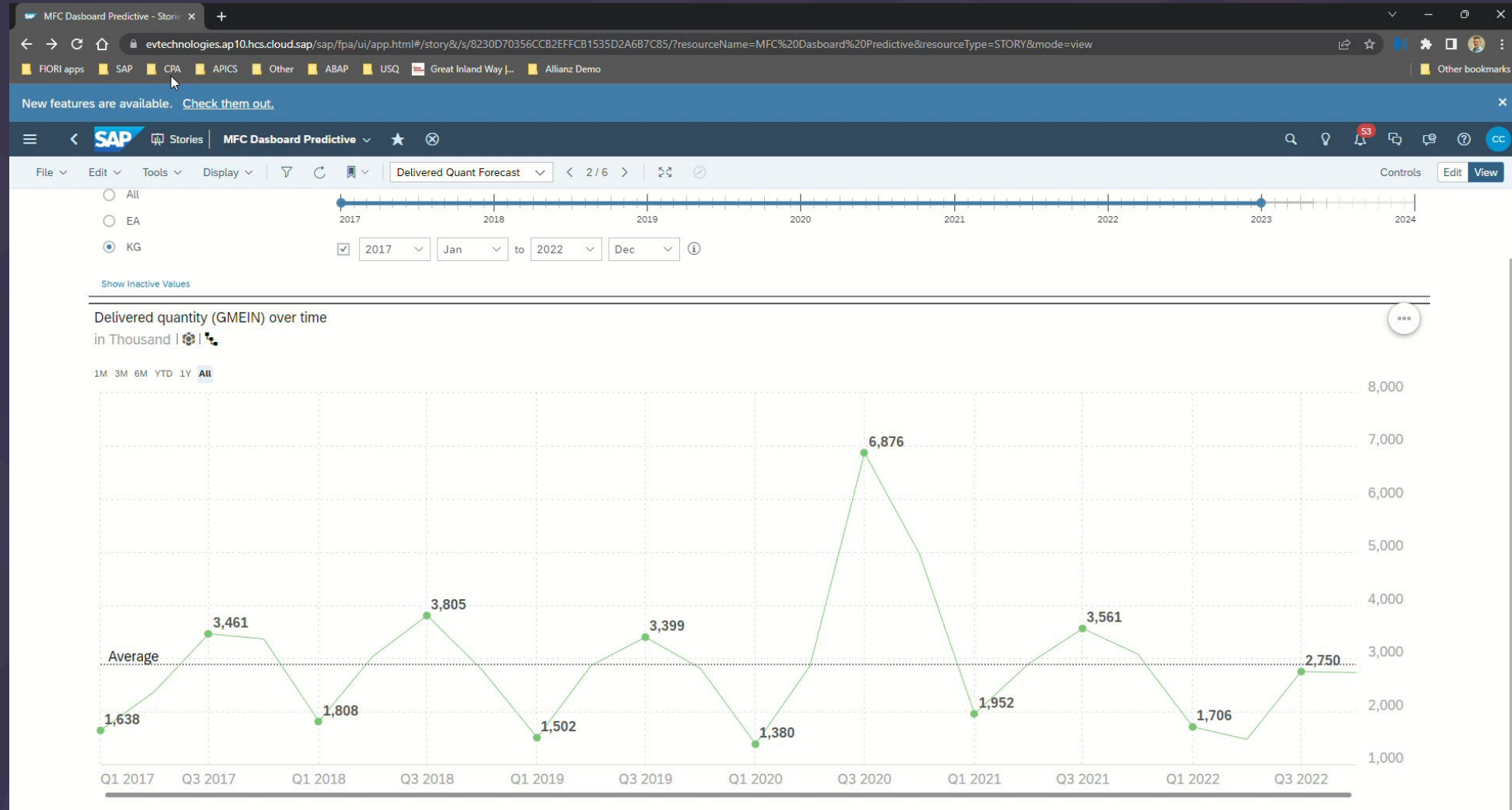
# Customise, Create, Make it Yours



# Plan, Operate, Execute, Track



# Regular? Trend? What is the future?



# Smart Discovery | Uncover value insight with machine learning



FileEditToolsDisplaySimulation SmartDisc6 / 6

Controls

## How my influencers have an impact on Delivered quantity (GMEIN) for Material description, Region, WeekNum, Calendar Year

Expected Delivered quantity (GMEIN) for Material description, Region, WeekNum, Calendar Year

in Thousand | Jan 29, 2023 14:54 |

2,043.18 Thousand

-6%

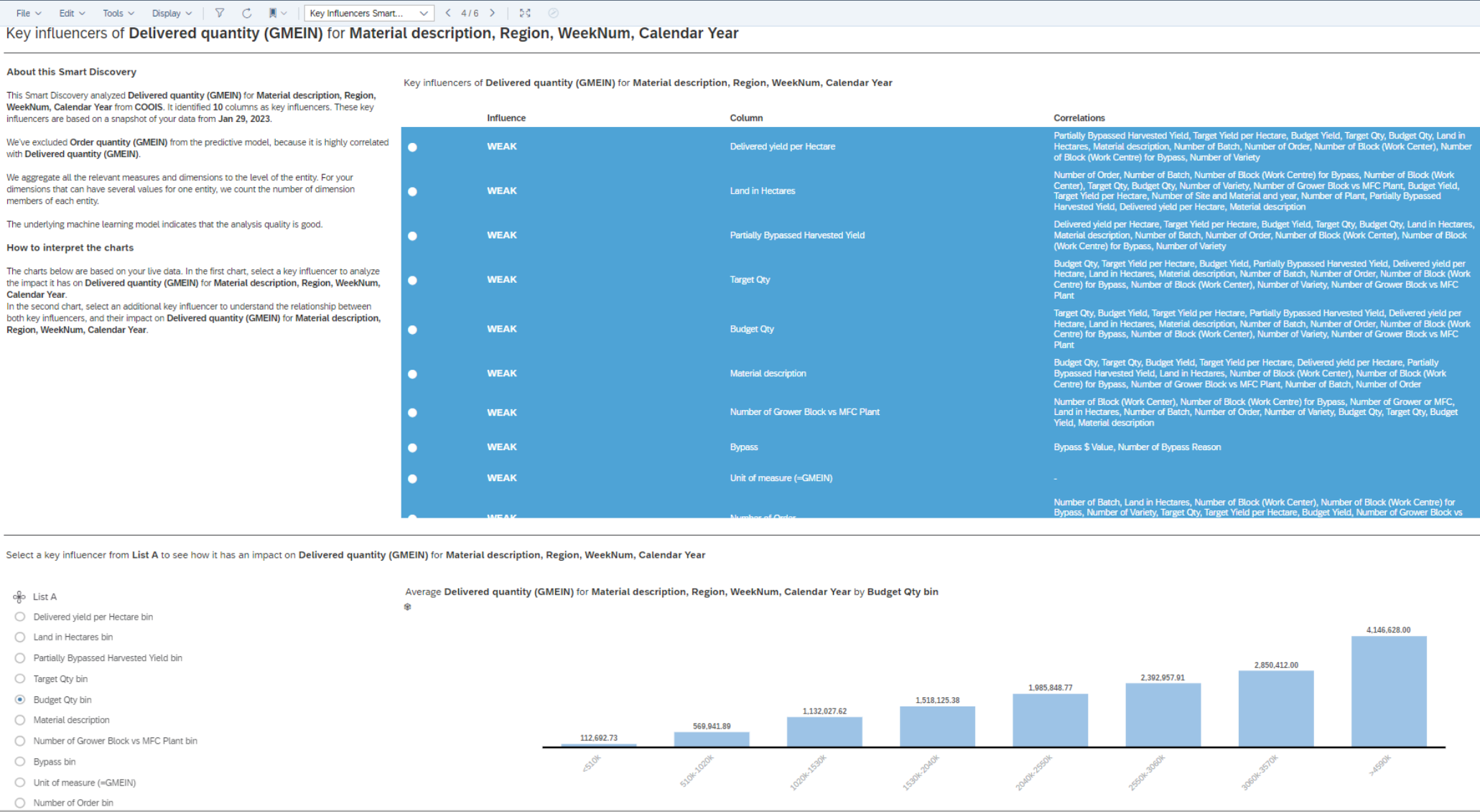
Expected Delivered quantity (GMEIN) for Material description, Region, WeekNum, Calendar Year is 2,043.18 Thousand, positively influenced mainly by Delivered yield per Hectare [389.84K] + Partially Bypassed Harvested Yield [389.84K].

Summary

Use the Simulation view to discover how changing the values of your key influencers could have an impact on the value of your Delivered quantity (GMEIN) for Material description, Region, WeekNum, Calendar Year. Simply specify a new value for one or more of your key influencers, and choose the 'Simulate' button.

Simulate

# Smart Discovery | Uncover value insight with machine learning



# Smart Discovery | Uncover value insight with machine learning



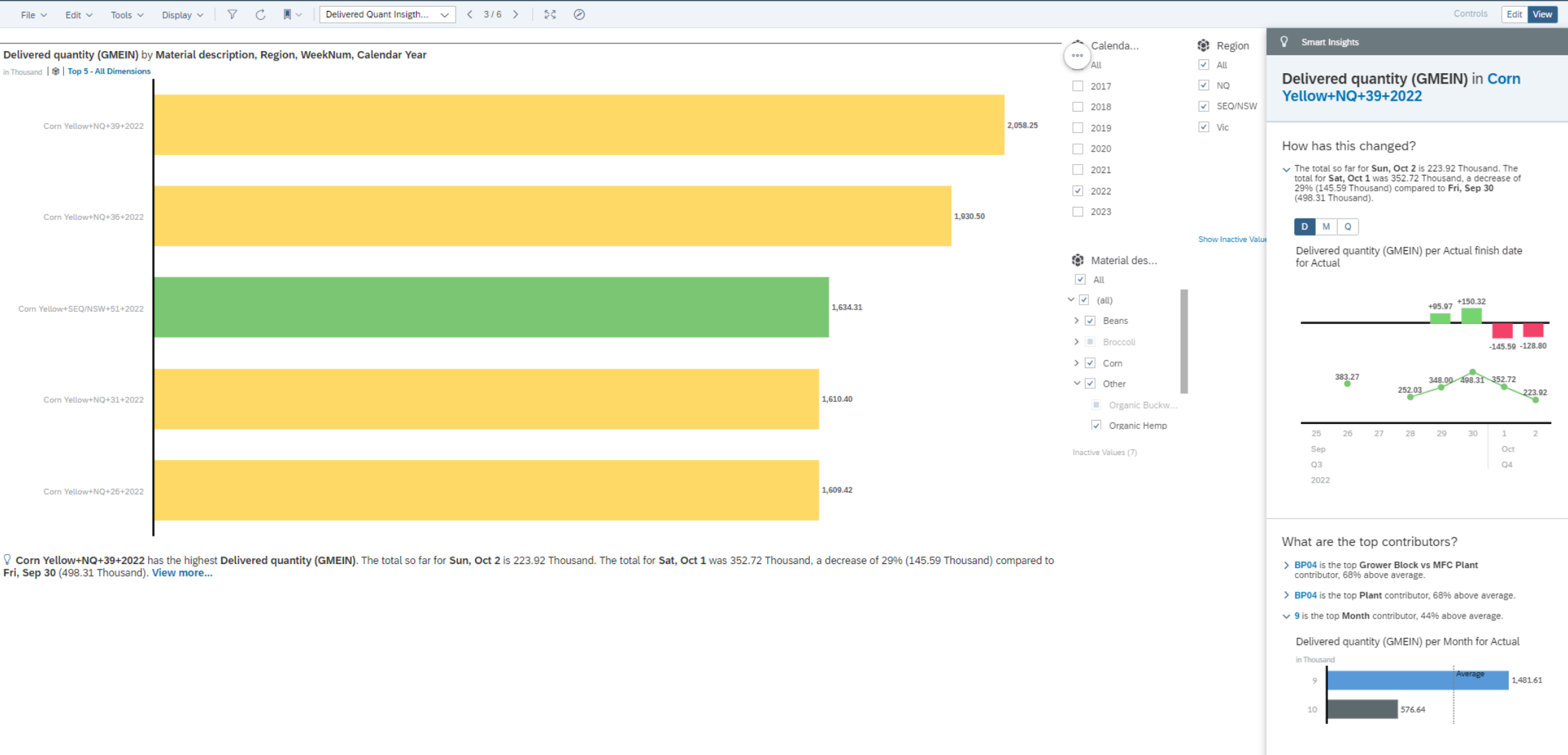
File Edit Tools Display Unexpected Values Sm... 5 / 6 Controls Edit View

Unexpected values in Delivered quantity (GMEIN) for Material description, Region, WeekNum, Calendar Year

We found 38 Material description, Region, WeekNum, Calendar Year which were unexpected.  
Jan 29, 2023 14:54 | Search Edit Columns

	Delivered quantity (GME... Actual	Delivered quantity (GME... Expected	Delivered quantity (GMEIN) Difference	Delivered quantity (GMEIN) % Difference	Delivered yield per Hectare	Land in Hectares	Partially Bypassed Harvested Yield	Target Qty	Budget Qty	Material description	Number of Grower Block vs MFC Plant	Bypass
1	4,146,628.00	3,058,295.40	1,088,332.60	36 %	737,924.00	157.60	737,924.41	5,831,200.00	5,083,150.00	Corn Yellow	2	0.00
2	2,528,507.00	1,590,323.14	938,183.86	59 %	509,361.00	74.10	509,358.71	0.00	0.00	Corn Yellow	8	0.00
3	2,041,299.00	1,293,408.78	747,890.22	58 %	389,646.00	65.50	389,645.49	0.00	0.00	Corn Yellow	6	0.00
4	1,930,501.00	1,349,620.09	580,880.91	43 %	212,032.00	51.20	219,634.58	1,702,207.50	1,621,150.00	Corn Yellow	3	1.87
5	533,268.00	243,405.50	289,862.50	119 %	67,502.00	15.80	67,502.28	584,600.00	508,017.40	Corn BiColour	1	0.00
6	504,468.00	229,670.97	274,797.03	120 %	62,650.00	16.10	62,649.35	0.00	0.00	Corn Yellow	1	0.00
7	405,036.00	205,761.91	199,274.09	97 %	82,105.00	9.90	82,104.81	386,100.00	316,800.00	Corn BiColour	1	0.00
8	347,064.00	187,839.19	159,224.81	85 %	68,690.00	10.10	68,689.36	393,900.00	323,200.00	Corn BiColour	1	0.00
9	354,096.00	197,224.05	156,871.95	80 %	69,430.00	10.20	69,430.59	377,400.00	327,960.60	Corn BiColour	1	0.00
10	266,044.00	119,874.33	146,169.67	122 %	88,007.00	8.80	88,006.98	0.00	0.00	Broccoli	1	0.00
11	338,448.00	197,467.19	140,980.81	71 %	66,026.00	10.25	66,025.88	0.00	0.00	Corn Yellow	1	0.00
12	255,044.00	117,364.83	137,679.17	117 %	69,781.00	7.92	69,781.49	0.00	0.00	Broccoli	1	0.00
13	225,667.00	88,325.73	137,341.27	155 %	69,608.00	8.70	69,608.42	261,000.00	232,825.23	Broccoli	1	0.00
14	236,592.00	99,635.99	136,956.01	137 %	64,396.00	10.93	64,396.13	0.00	0.00	Broccoli	1	0.00
15	319,296.00	183,414.03	135,881.97	74 %	62,608.00	10.20	62,607.06	377,400.00	327,960.60	Corn BiColour	1	0.00
16	285,924.00	152,101.84	133,822.16	88 %	51,852.00	11.30	51,851.31	350,017.50	333,350.00	Corn BiColour	1	0.00

# Smart Insights | Find top contributors with Machine Learning



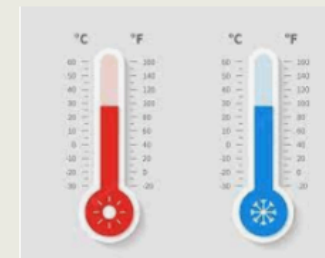
# Weather data in SAC

## Total Delivered and Temperature

Material Group: ☐ All ☒ Beans ☒ Corn

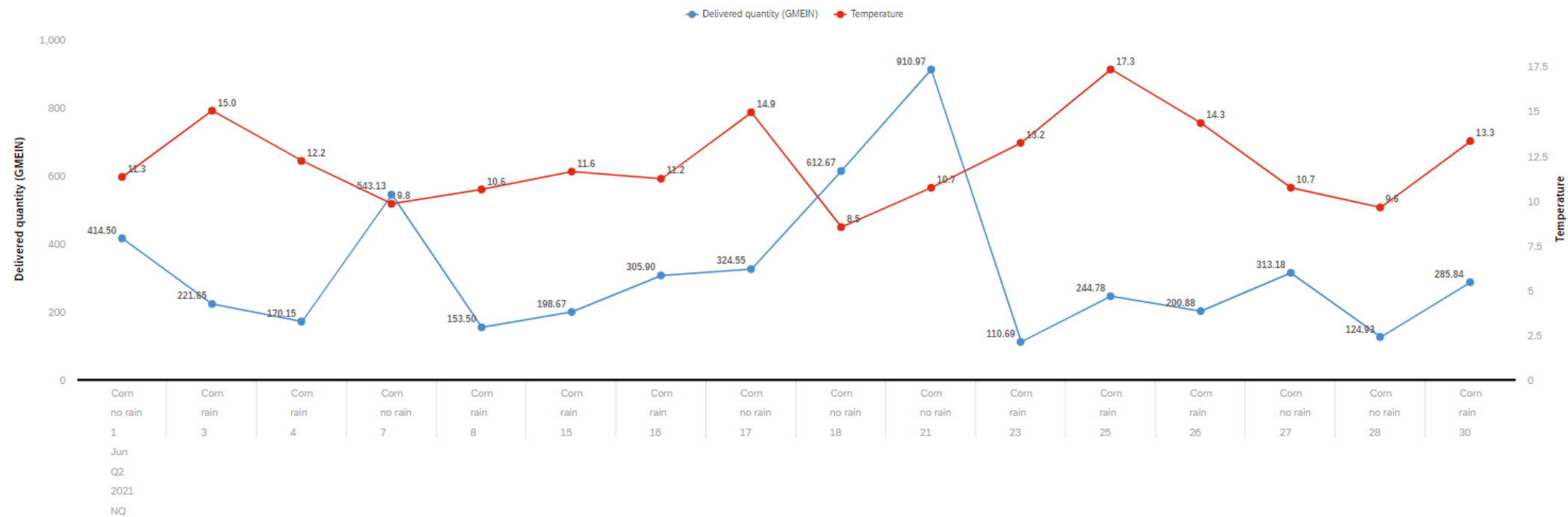
precipetype: ☒ All ☒ no rain ☒ rain

Finish Date: ☒ Jun 1, 2021 to Aug 31, 2021

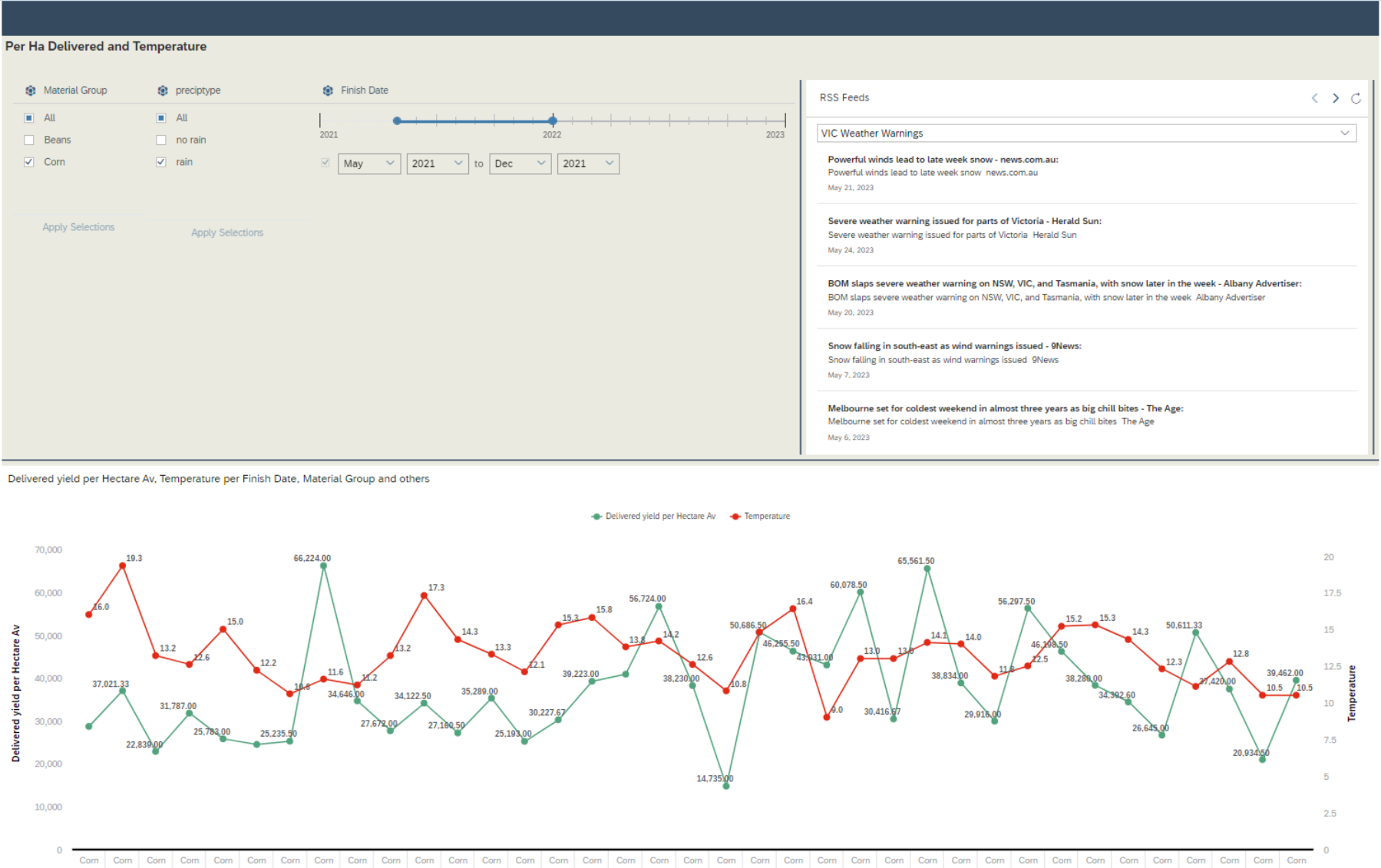


Delivered quantity (GMEIN), Temperature per Finish Date, Material Group and others

in Thousand, --

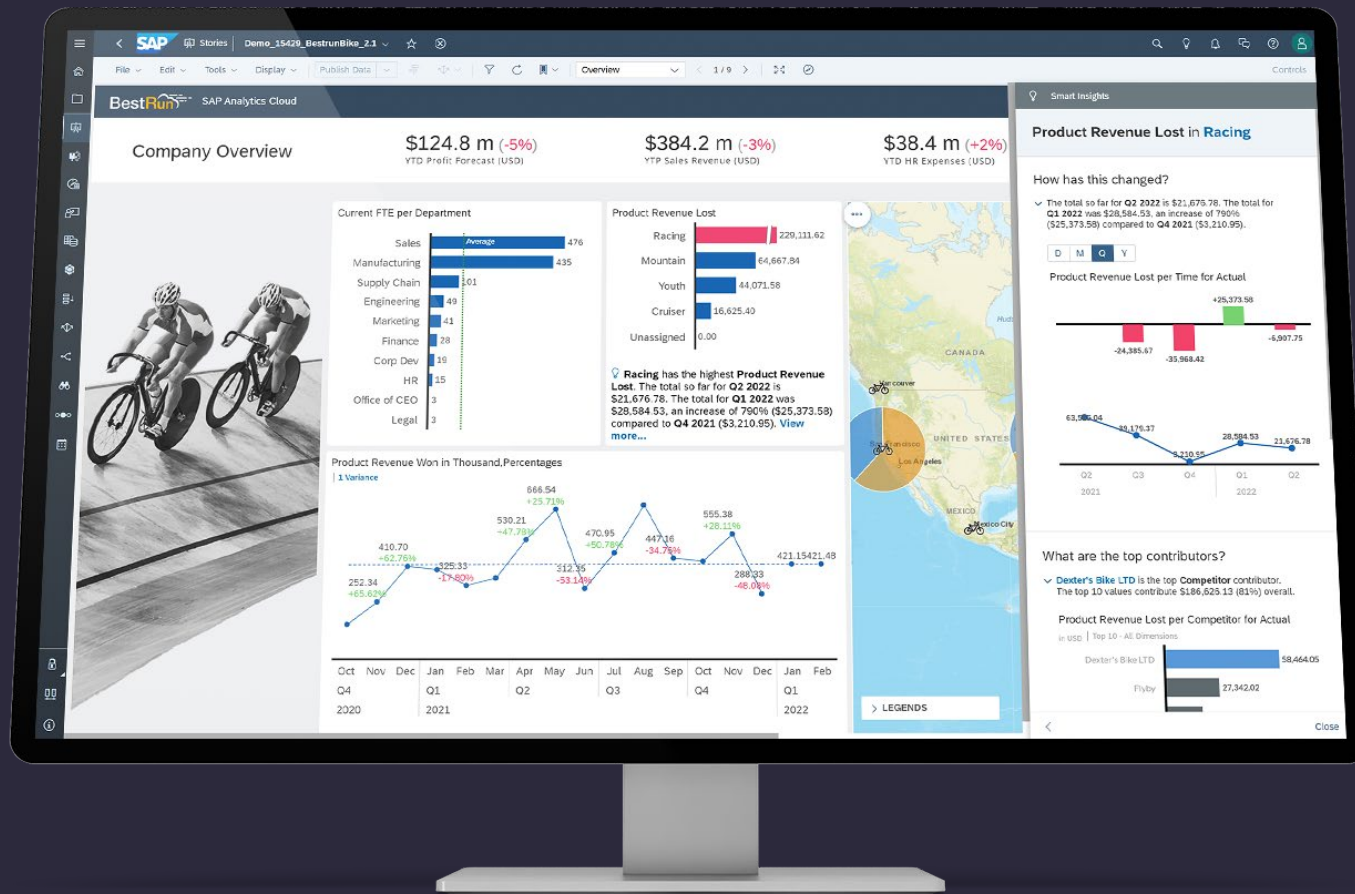


# Weather data in SAC



# Why SAP Analytics Cloud?

- Planning Module
- Apply AI and Machine Learning without Coding
- Collaboration between users
- Mobile Enabled
- Cloud and On-Premise Combined
- Live data Connectivity
- Geo Representations
- Hierarchies



# How can you get started?



**Available on ECC &  
S/4HANA**



**Access all Historical SAP  
Stored Data**



**Start turning Insights  
into Actions**

# Q&A



**DALRAE**  
SOLUTIONS

# CONNECT WITH OUR TEAM



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