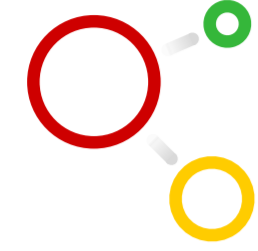


Predictive Recommendations



You will need to buy the following product category and quantities before the end of week to avoid out of stock situation:

Category Name: Tee
Collection Name: Classic
Expected Sales Volume: 36,594

Category Name: Tee
Collection Name: Casual
Expected Sales Volume: 32,608

1. Assess current inventory levels for the Tee category in Classic and Casual collections.
2. Plan a promotion strategy to boost sales for other collections.
3. Monitor and adjust inventory levels weekly to prevent future out-of-stock situations.



Recommendation

Based on the estimated yield and moisture levels, the top 3 fields you can harvest today are:

Field Name	Field Moisture Level	Estimated Yield
8H21_210	32.22	30000.00
8H21_623	33.05	5698.18
8H21_428	33.36	5203.39

Prescriptive Recommendations

Potential Next Steps

- Check Dry Down Rate:** Assess the dry down rate of these fields to ensure optimal harvesting conditions.
- Assign Picker:** Allocate a picker to harvest these fields based on their capacity limits.
- Plan Route:** Determine the optimal route for the picker to minimize travel distance between fields.

Hi Sarah,
 Below is the recommendation for you today:

Please allocate **200 Units** of Bottoms to these 3 stores in New York this week:

- 5th Avenue
- Madison Avenue
- Financial District

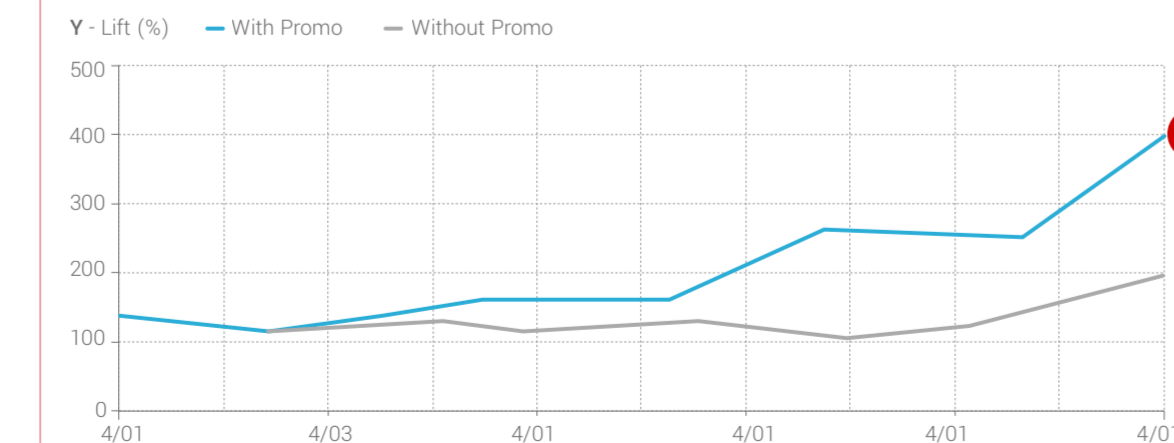
Cranberry Distribution center has **600 Units** in stock

Are there any excess stocks?

Yes. Premium 4 way stretch jeans is likely to have excess current demand. A total of 650 in quantity will like

What is the impact if I apply a BOGO 50% off promo to this item?

Applying this promo may increase sales by 200 units with additional \$13K in revenue with a margin of \$7K



User and Business Context Awareness

Hi Rick,

You need to allocate about 100 resources for the day shift across the manufacturing floor to optimize the floor operations and avoid under staffing at potential choke points. Recommended plan for the next one hour of the operations. **Overall productivity improvement is estimated to increase by about 4% using the above distribution of labor.**

Manufacturing Bay	Bay Number	Recommended
Receiving and Storage	BA1, BA 4, BA 6	20
Preprocessing and Prep	PA1, 2, 3	10
Mixing and Blending	MB1 - 5	10
Cooling and Settling	CD4 - 10	8
Packaging Lines	PC1 - 15	30
Quality Checks	ILQC	22

What would be the impact if I move 5 resources from BA4 to BA1?

Moving five resources from BA4 to BA1 will increase the throughput by 8% but the efficiency of other areas will fall by 10%. This will decrease the overall Shift Throughput by 15%. Do you want to do that?

No. MB2 just went down. Can you suggest alternate staffing recommendation for the next 1 hour?

Sure! Here is the updated recommendation in the event of MB2 shutting down. This recommendation results in decrease of overall throughput by 1% but increased labor efficiency of 5%.

Manufacturing Bay	Bay Number	Recommended Resources
Receiving and Storage	BA1, BA 4, BA 6	20
Preprocessing and Prep	PA1, 2, 3	10
Mixing and Blending	MB1 - 5	6
Cooling and Settling	CD4 - 10	10
Packaging Lines	PC1 - 15	30
Quality Checks	ILQC	24

Decision support Analytics

Recommend a picker who can harvest these fields.

Picker D is recommended for harvesting the fields as their capacity aligns with the total estimated yield of the fields

- **Picker Name:** Picker D
- **Picker Capacity:** 50,000

Next Steps:

1. Coordinate with Picker D to schedule the harvest
2. Prepare the necessary equipment and logistics for the harvest
3. Monitor the moisture levels closely to ensure optimal harvesting conditions.

Now that you're considering which picker to use for the harvest, it's essential to ensure the picker's capacity aligns with your needs. This involves understanding the dry down rate of the fields to estimate how quickly the crops need to be harvested and if the picker can handle workload within the required timeframe. **Do you want to check the dry down rate of these fields to ensure the selected picker can efficiently harvest them on time?**

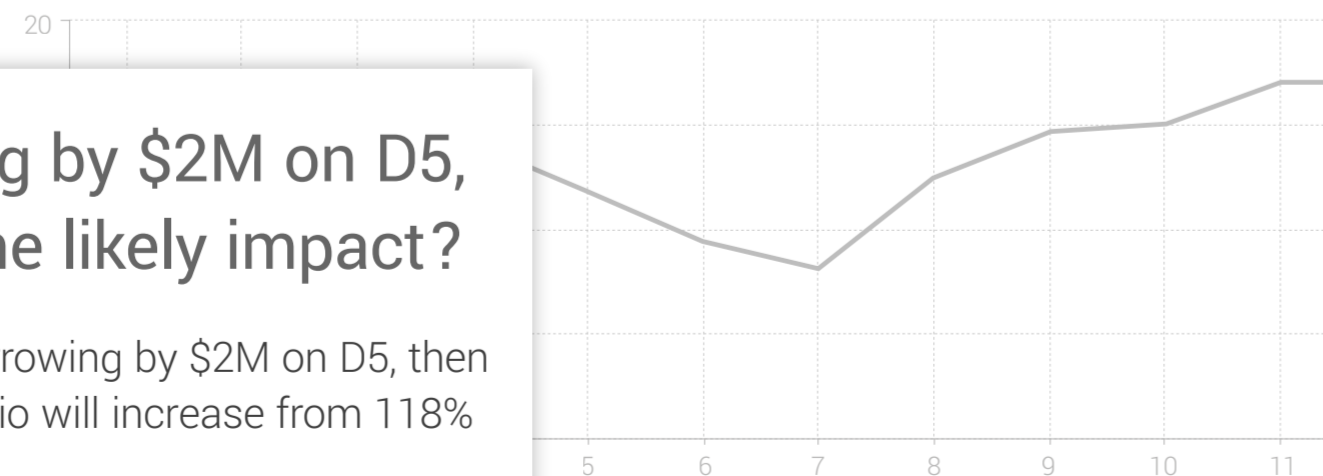
Heavy storms forecasted for Friday may affect Picker D schedule.

Proactive Prompting

Show me the net difference between Predicted HQLA and Predicted 30 Days Cash Outflow

Sure, here's the difference between predicted HQLA and predicted 30 days cash outflow for Food & Beverage LoB:

Y - Predicted Net Cash Outflow (\$M)



If I increase borrowing by \$2M on D5, what is the likely impact?

If you increase the short-term borrowing by \$2M on D5, then the overall Liquidity Coverage Ratio will increase from 118% to 120%.

What-If Analysis / Scenario Planning

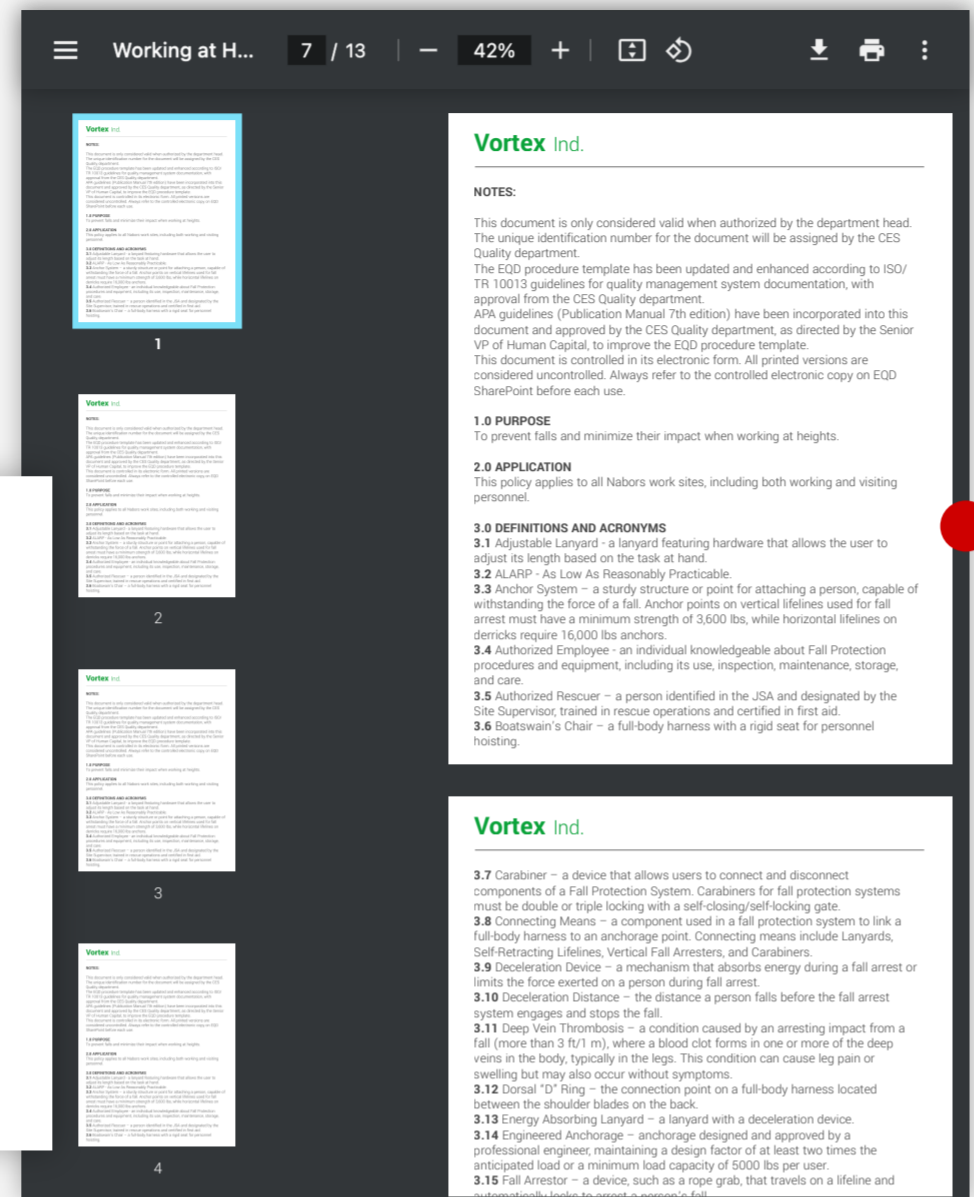
Good afternoon, Chris!
I'm generating a recommendation for your day:

- Here are some suggested questions you can ask:
- What are the different types of harnesses?
 - What is the working at heights rescue process?
 - What is the confined space rescue process?

What should I remember when using unsecured tools and equipment at height?

To use unsecured tools and equipment at height, you must obtain prior approval from the Site Supervisor/Rig Superintendent, conduct a specific Job Safety Analysis (JSA), and put barriers in place to ensure personnel are not in the drop area.

Sources: [1. Working at Heights.pdf](#)



Knowledge Management with Document Intelligence

Amalgamate structured and unstructured data

Good afternoon, Chris!
I'm generating a recommendation for your day:

I noticed the current subassemblies share an identical part that is sourced from different suppliers. Potential savings of combining orders is \$25K.

What certification codes did that part adhere to?

Both bolts must adhere to FAR23 & ISI-67. The existing bolt is certified for the noted classification.

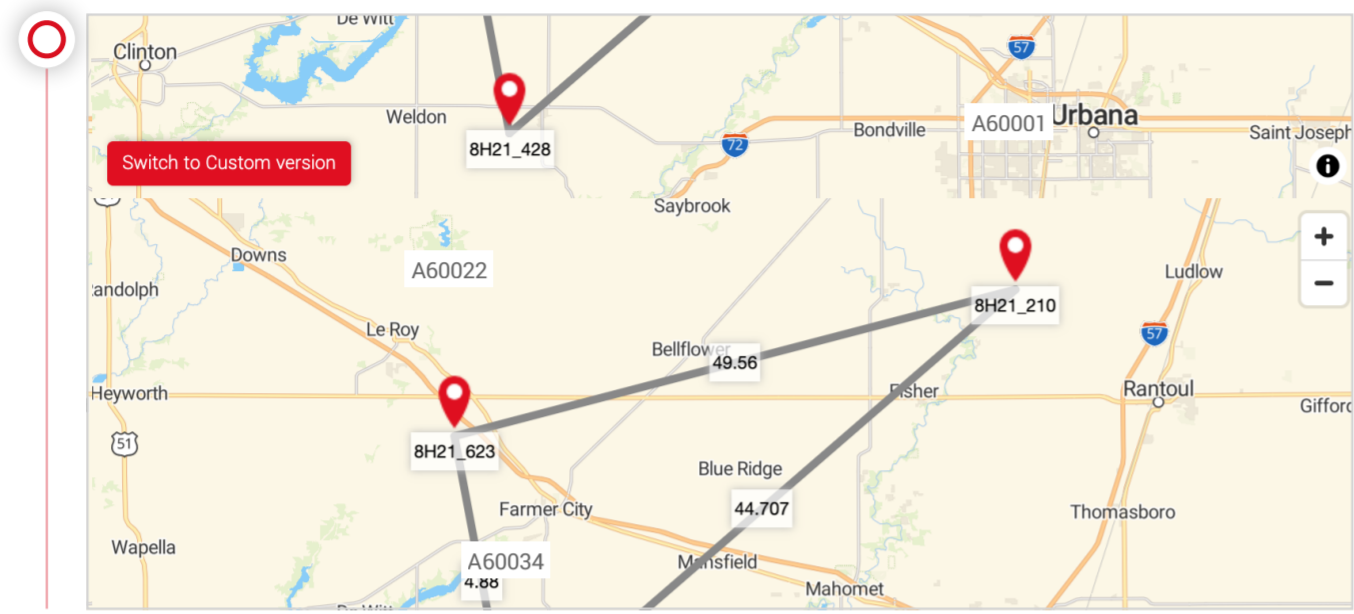
Sources: [Bolt Markings Chart.pdf](#)

Identifier	Grade	Size (in.)	Min. Strength (10 ³ psi)			Material & Treatment
			Proof	Tensile	Yield	
A	SAE Grade 1	1/4 to 1 1/2	33	60	36	1
	ASTM A307	1/4 to 1 1/2	33	60	36	3
	SAE Grade 2	1/4 to 3/4	55	74	57	1
		3/8 to 1 1/2	33	60	36	
B	SAE Grade 4	1/4 to 1 1/2	65	115	100	2, a
	SAE Grade 5	1/4 to 1	85	120	92	2, b
C	ASTM A449	1 1/8 to 1 1/2	74	105	81	
	ASTM A449	1 3/4 to 3	55	90	58	
D	SAE Grade 5.2	1/2 to 1	85	120	92	4, b
		1 1/8 to 1 1/2	74	105	81	
E	ASTM A325, Type 2	1/2 to 1	85	120	92	4, b
		1 1/8 to 1 1/2	74	105	81	
F	ASTM A325, Type 3	1/2 to 1	85	120	92	5, b
		1 1/8 to 1 1/2	74	105	81	
G	ASTM A354, Grade BC	1/2 to 2 1/2	105	125	109	5, b
		2 3/4 to 4	95	115	99	
H	SAE Grade 7	1/2 to 1 1/2	105	133	115	7, b
	SAE Grade 8	1/4 to 1 1/2	120	150	130	7, b
I	ASTM A354, Grade BD	1/2 to 1 1/2	120	150	130	6, b
		1 1/4 to 1 1/2	120	150	130	

Picker B is unavailable due to mechanical issues, who else can I assign?

Assign Picker D for harvest all the ab capacity in the absence of Picker B

Can you map an optimal route between these fields?



Graphs and Visual Support

If I increase borrowing by \$2M on D5, what is the likely impact?

If you increase the short-term borrowing by \$2M on D5, then the overall Liquidity Coverage Ratio will increase from 118% to 120%.

Ok, can you save this as my strategy and email it to the Group CFO?

Sure, I have emailed the below strategy for Food and Beverage LoB to CFO

Recommendations	D0	D1	D2	D3	D4	D5	D6	D7
Excess Cash Available	-	-	-	\$0.27	\$0.27	\$0.53	\$0.43	\$0.24
Short Term Borrowing	-	-	-	-	\$3	\$6	\$3	-\$5
Long Term Equity Sales	-	-	-	-	-	-	-	-

Email Integrations

What are the user intents with the messages they ask?

User intents with the messages they ask are primarily focused on:

- Data Analysis:** Requests to add or analyze specific data points like "dry down rate".
- Task Optimization:** Queries about finding pickers or optimizing routes for harvesting.
- Visualization:** Interest in visualizing data, such as showing information in bar charts.

Potential Next Steps:

- Enhance Data Insights:** Develop tools to add and analyze additional data points.
- Optimize Task Management:** Implement features to help users optimize tasks and resources.
- Improve Visualization:** Create more robust visualization tools to meet user demands.

What are the most frequent messages asked by users?

The most frequent messages asked by users in the last month are summarized below.

User Message	Frequency
Add dry down rate to this	101
Find a picker who can harvest these fields	34
Show this in a bar chart	19
Recommend a picker who can harvest these fields	13
Check the distance between fields and find optimal route to harvest	8

AI Observability