ARCOP
Arby's SUPPLY CHAIN COOPERATIVE

Supplier Data Integration Using Palantir Foundry

Business Case – ARCOP Internship

Arosh Jamal | August 8, 2025

Project Overview

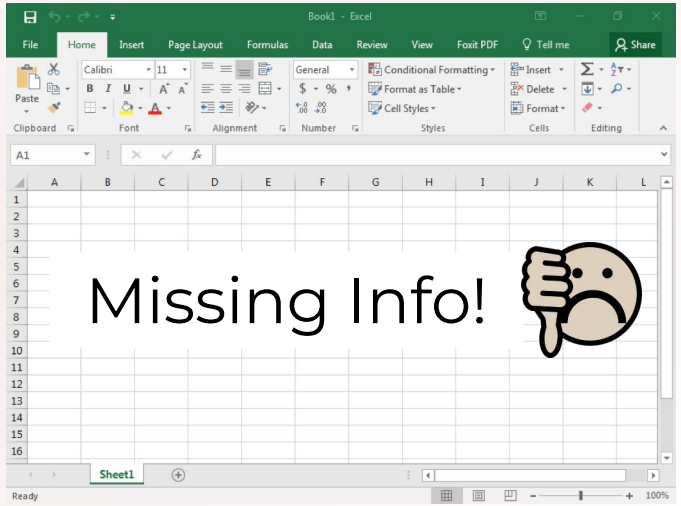
This project aims to improve ARCOP's visibility into supplier inventory and production data by integrating it into Palantir.

Doing so will allow us to compare supplier inputs with our internal demand and DC data, helping us make smarter decisions, reduce risk, and move away from manual tracking.

Proprietary & Confidential | **NOT FOR DISTRIBUTION**

Current State

- Suppliers fill out Excel sheets manually
- Reminder emails are sent out to follow up on submissions
- Limited ability to detect delays or production risks early



What is SWOT Analysis?

SWOT is a planning tool used to identify and evaluate the strengths, weaknesses, opportunities, and threats of a project.

Strengths: What we do well

Weaknesses: What we don't do well

Opportunities: Factors that we can take advantage of to improve

Threats: Risks that could impact our success

Strengths

- Skilled internal data resources such as Christian
- Access to advanced tools such as Palantir and Foundry
- Already providing inventory and production data via online Excel shares

Weaknesses

- Inconsistent supplier data in Excel
- Manual tracking and updates
- Suppliers' limited technology, bandwidth, and resources

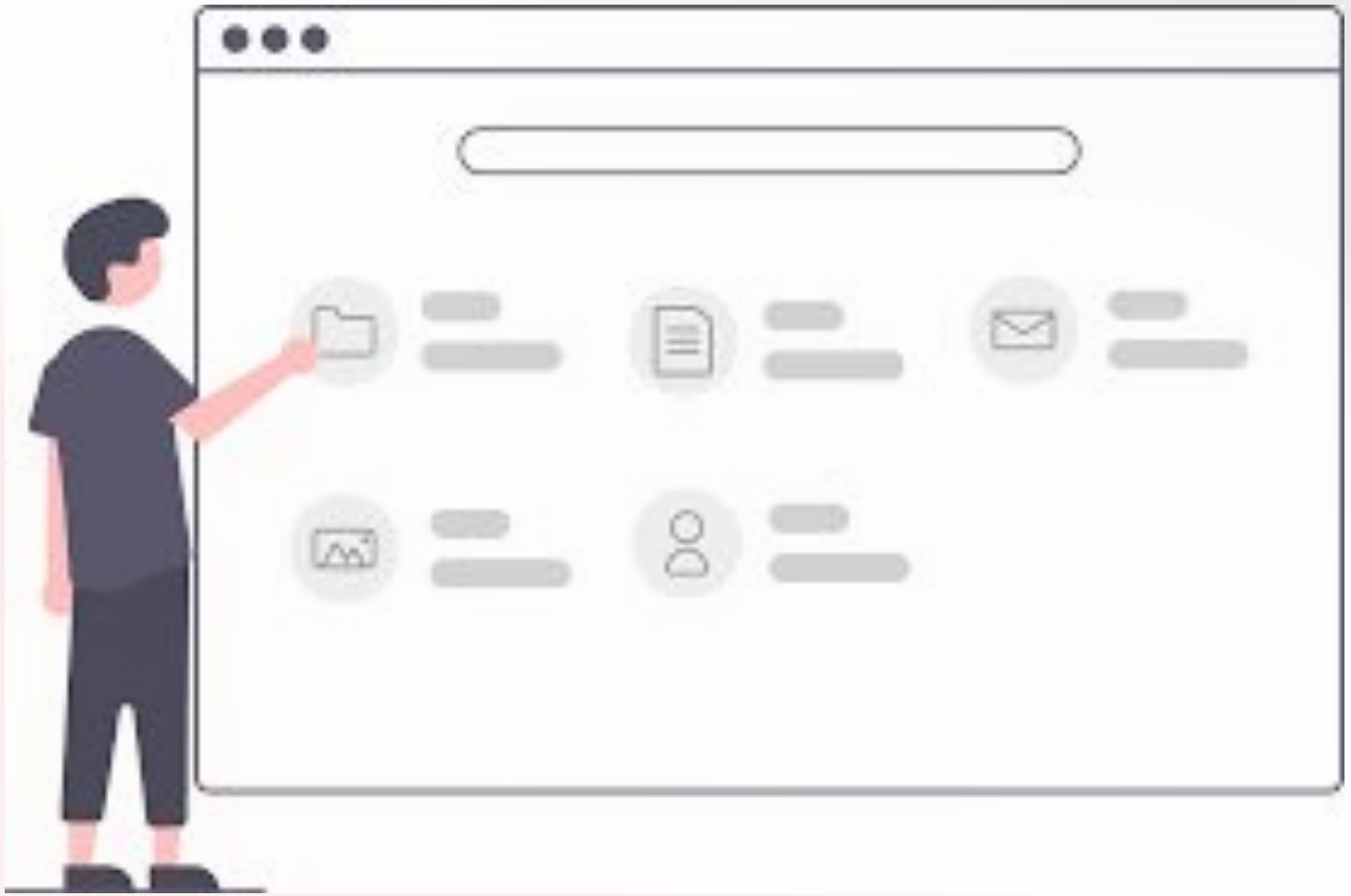
Opportunities

- Risk mitigation - spot potential inventory gaps early
- Build real-time dashboards for ARCOP visibility
- Continue to extend supply chain pipeline visibility
- Shift to automation, reducing manual work and errors

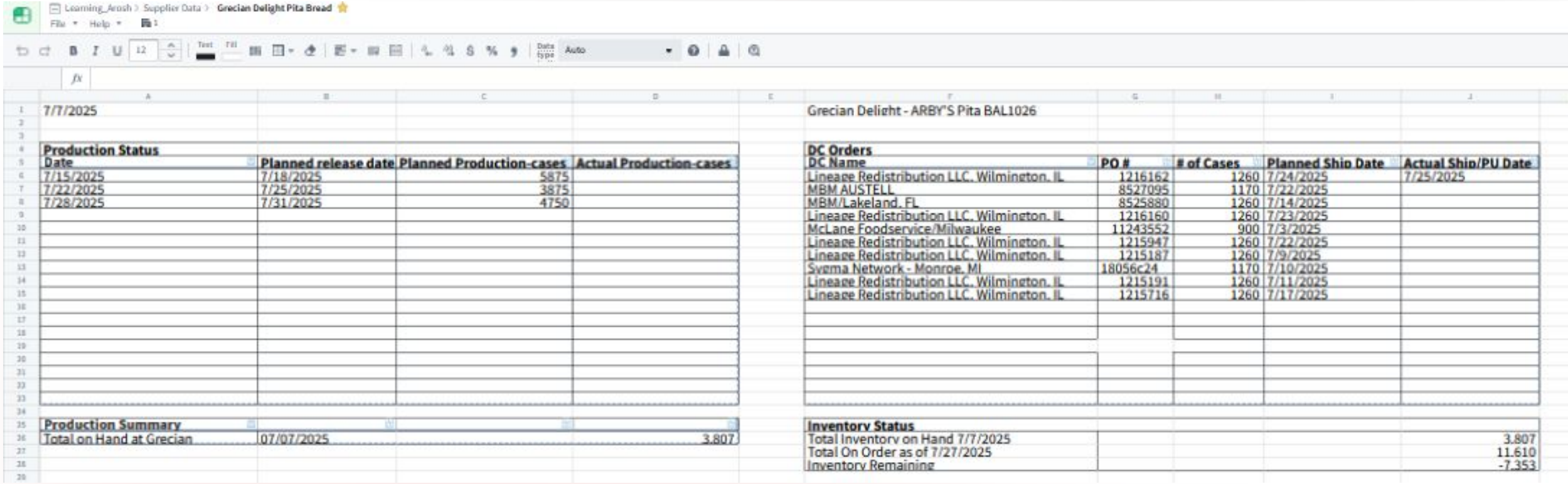
Threats

- Limited supplier engagement currently
- Some suppliers may not be ready for automation
- Temporary resource - limited time during internship

Live Demo



Fusion



Learning_Arosh > Supplier Data > Grecian Delight Pita Bread

7/7/2025

Grecian Delight - ARBY'S Pita BAL1026

Production Status

Date	Planned release date	Planned Production-cases	Actual Production-cases
7/15/2025	7/18/2025	5875	
7/22/2025	7/25/2025	3875	
7/28/2025	7/31/2025	4750	

DC Orders

DC Name	PO #	# of Cases	Planned Ship Date	Actual Ship/PU Date
Lineage Redistribution LLC, Wilmington, IL	1216162	1260	7/24/2025	7/25/2025
MBM AUSTELL	8527095	1170	7/22/2025	
MBM/Lakeland, FL	8525880	1260	7/14/2025	
Lineage Redistribution LLC, Wilmington, IL	1216160	1260	7/23/2025	
McLane Foodservice/Milwaukee	11243552	900	7/3/2025	
Lineage Redistribution LLC, Wilmington, IL	1215947	1260	7/22/2025	
Lineage Redistribution LLC, Wilmington, IL	1215187	1260	7/9/2025	
Sygma Network - Monroe, MI	18056c24	1170	7/10/2025	
Lineage Redistribution LLC, Wilmington, IL	1215191	1260	7/11/2025	
Lineage Redistribution LLC, Wilmington, IL	1215716	1260	7/17/2025	

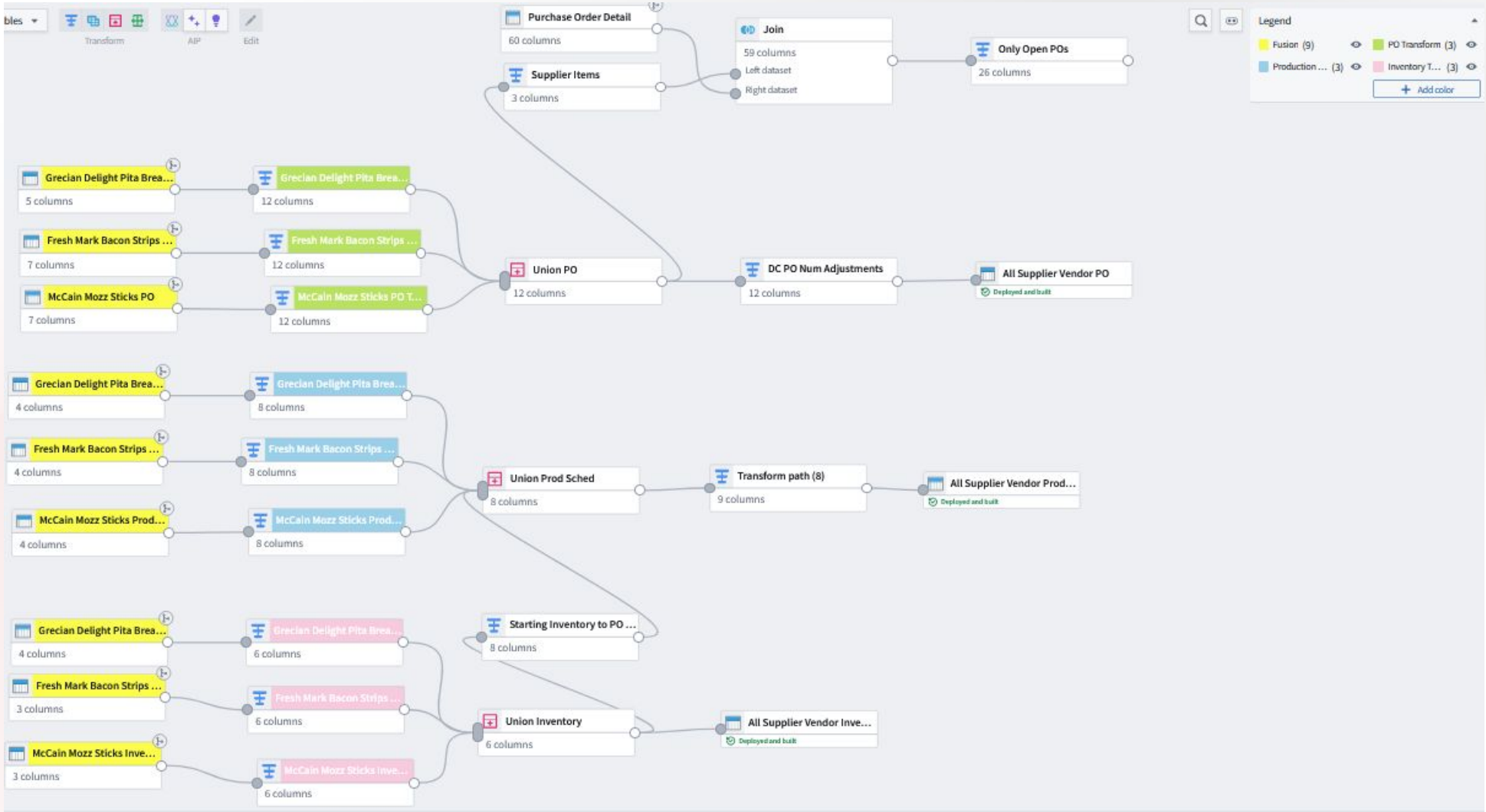
Production Summary

Total on Hand at Grecian	07/07/2025	3,807

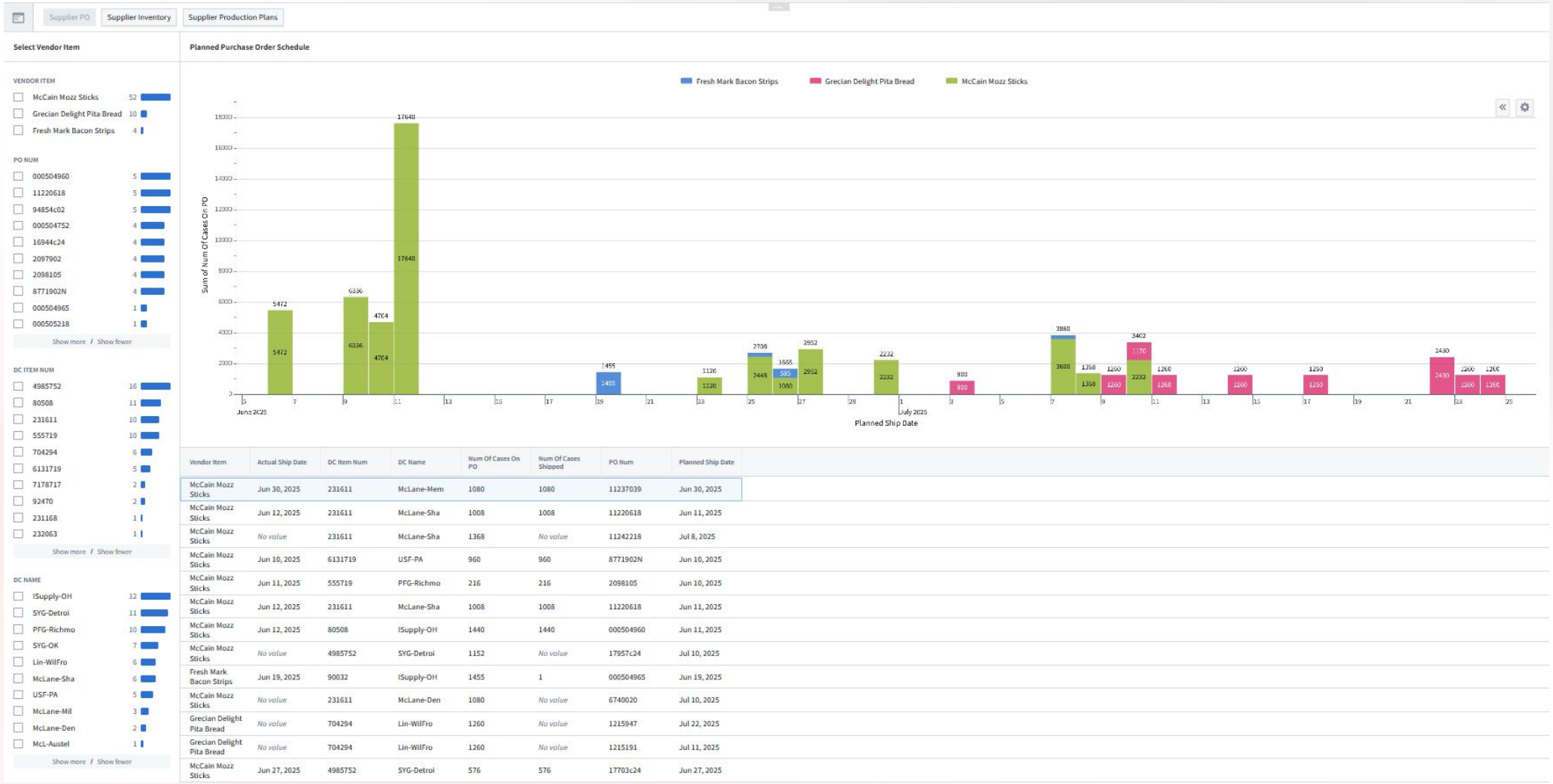
Inventory Status

Total Inventory on Hand 7/7/2025	3,807
Total On Order as of 7/27/2025	11,610
Inventory Remaining	-7,353

Pipeline

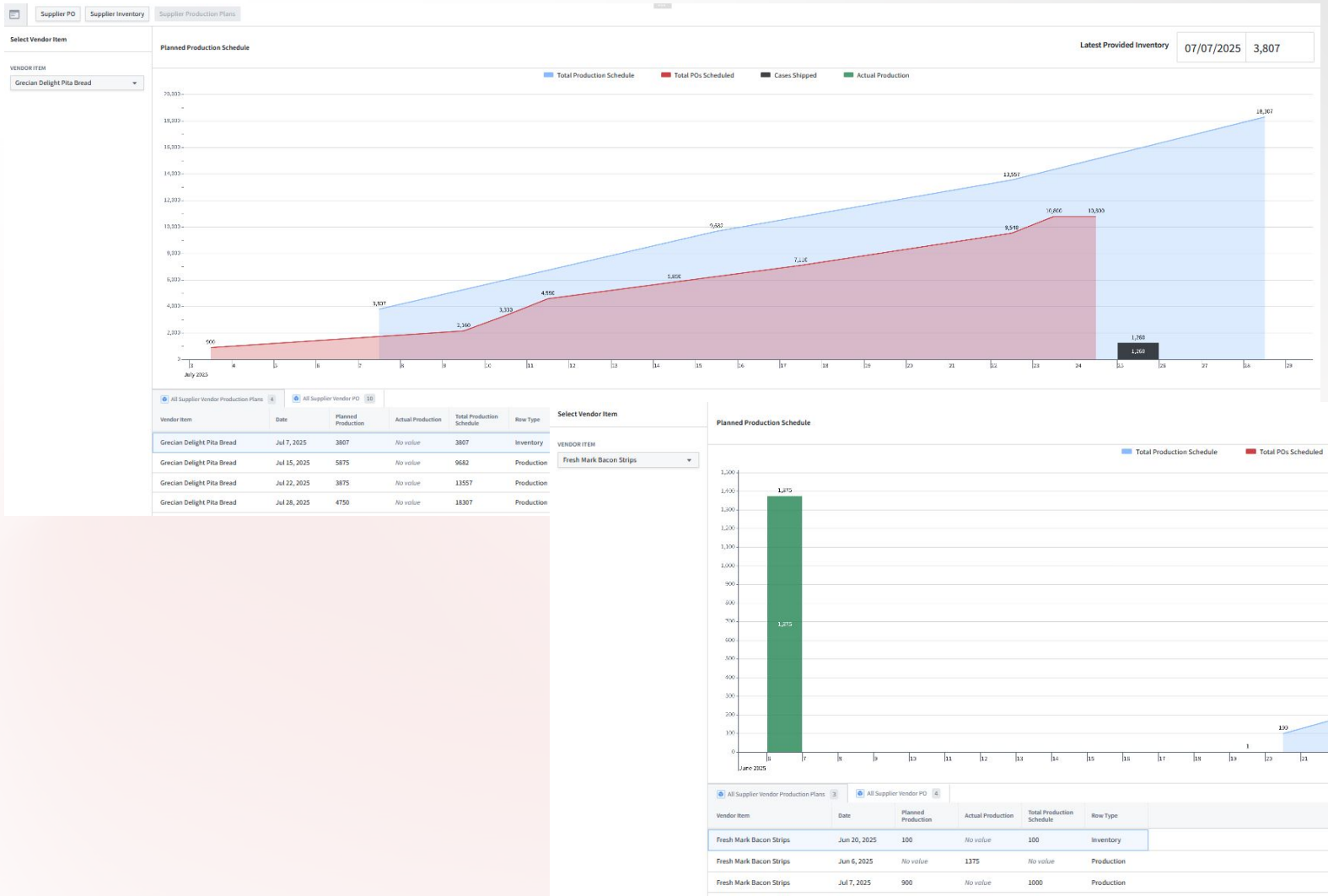

Purchase Order Detail
60 columns
Join
59 columns
Left dataset
Right dataset
Only Open POs
26 columns
Supplier Items
3 columns
Legend
Fusion (9)
PO Transform (3)
Production ... (3)
Inventory T... (3)
Add color
Grecian Delight Pita Brea...
5 columns
Grecian Delight Pita Brea...
12 columns
Fresh Mark Bacon Strips ...
7 columns
Fresh Mark Bacon Strips ...
12 columns
McCain Mozz Sticks PO
7 columns
McCain Mozz Sticks PO T...
12 columns
Union PO
12 columns
DC PO Num Adjustments
12 columns
All Supplier Vendor PO
Deployed and built
Grecian Delight Pita Brea...
4 columns
Grecian Delight Pita Brea...
8 columns
Fresh Mark Bacon Strips ...
4 columns
Fresh Mark Bacon Strips ...
8 columns
McCain Mozz Sticks Prod...
4 columns
McCain Mozz Sticks Prod...
8 columns
Union Prod Sched
8 columns
Transform path (8)
9 columns
All Supplier Vendor Prod...
Deployed and built
Grecian Delight Pita Brea...
4 columns
Grecian Delight Pita Brea...
6 columns
Fresh Mark Bacon Strips ...
3 columns
Fresh Mark Bacon Strips ...
6 columns
McCain Mozz Sticks Inve...
3 columns
McCain Mozz Sticks Inve...
6 columns
Starting Inventory to PO ...
8 columns
Union Inventory
6 columns
All Supplier Vendor Inve...
Deployed and built

Workshop



Vendor Item	Actual Ship Date	DC Item Num	DC Name	Num Of Cases On PO	Num Of Cases Shipped	PO Num	Planned Ship Date
McCain Mozz Sticks	Jun 30, 2025	231611	McLane-Mem	1080	1080	11237039	Jun 30, 2025
McCain Mozz Sticks	Jun 12, 2025	231611	McLane-Sha	1008	1008	11220618	Jun 11, 2025
McCain Mozz Sticks	*No value*	231611	McLane-Sha	1368	*No value*	11242218	Jul 8, 2025
McCain Mozz Sticks	Jun 10, 2025	6131719	USF-PA	960	960	8771902N	Jun 10, 2025
McCain Mozz Sticks	Jun 11, 2025	555719	PFG-Richmo	216	216	2098105	Jun 10, 2025
McCain Mozz Sticks	Jun 12, 2025	231611	McLane-Sha	1008	1008	11220618	Jun 11, 2025
McCain Mozz Sticks	Jun 12, 2025	80508	ISupply-OH	1440	1440	000504960	Jun 11, 2025
McCain Mozz Sticks	*No value*	4985752	SYG-Detroi	1152	*No value*	17957c24	Jul 10, 2025
Fresh Mark Bacon Strips	Jun 19, 2025	90032	ISupply-OH	1455	1	000504965	Jun 19, 2025
McCain Mozz Sticks	*No value*	231611	McLane-Den	1080	*No value*	6740020	Jul 10, 2025
Grecian Delight Pita Bread	*No value*	704294	Lin-WilFro	1260	*No value*	1215947	Jul 22, 2025
Grecian Delight Pita Bread	*No value*	704294	Lin-WilFro	1260	*No value*	1215191	Jul 11, 2025
McCain Mozz Sticks	Jun 27, 2025	4985752	SYG-Detroi	576	576	17703c24	Jun 27, 2025

Workshop


Supplier PO
Supplier Inventory
Supplier Production Plans
Select Vendor Item
VENDOR ITEM
Grecian Delight Pita Bread
Planned Production Schedule
Latest Provided Inventory
07/07/2025
3,807
Total Production Schedule
Total POs Scheduled
Cases Shipped
Actual Production
July 2025
All Supplier Vendor Production Plans
All Supplier Vendor PO
Vendor Item
Date
Planned Production
Actual Production
Total Production Schedule
Row Type
Grecian Delight Pita Bread
Jul 7, 2025
3807
No value
3807
Inventory
Grecian Delight Pita Bread
Jul 15, 2025
5875
No value
9682
Production
Grecian Delight Pita Bread
Jul 22, 2025
3875
No value
13557
Production
Grecian Delight Pita Bread
Jul 28, 2025
4750
No value
18307
Production
Select Vendor Item
VENDOR ITEM
Fresh Mark Bacon Strips
Planned Production Schedule
Latest Provided Inventory
06/20/2025
100
Total Production Schedule
Total POs Scheduled
Cases Shipped
Actual Production
1,375
June 2025
July 2025
All Supplier Vendor Production Plans
All Supplier Vendor PO
Vendor Item
Date
Planned Production
Actual Production
Total Production Schedule
Row Type
Fresh Mark Bacon Strips
Jun 20, 2025
100
No value
100
Inventory
Fresh Mark Bacon Strips
Jun 6, 2025
No value
1375
No value
Production
Fresh Mark Bacon Strips
Jul 7, 2025
900
No value
1000
Production

Summary

This project focused on bringing supplier data into Palantir for improved alignment with ARCOP's internal demand and distribution data. The SWOT analysis highlighted key insights into supplier performance.

Future

- Supplier entry portals connected to Fusion for data collection
- Automated reminders built into Palantir
- Merging supplier-submitted PO data with DC PO data
- Palantir trained to detect PO risks vs. production plans

What I Learned

- Building in Palantir Foundry and using different tools
- Understanding how the supply chain works
- Connecting classroom skills to real world work
- Collaborating with different teams and perspectives

Proprietary & Confidential | **NOT FOR DISTRIBUTION**

Q&A

Thank You!