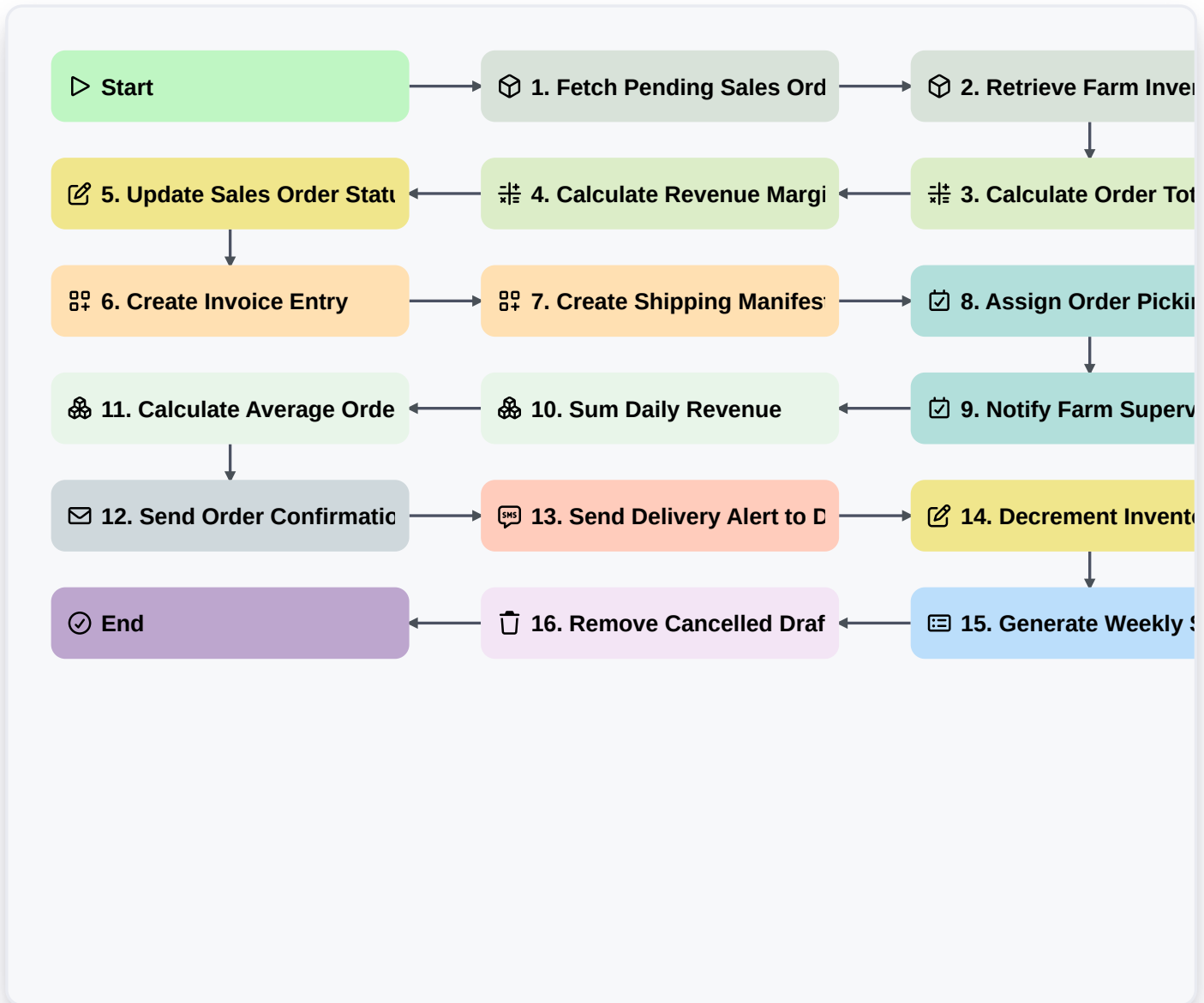


Farm Revenue And Sales Order Management Workflow



▶ Start

Start of the Workflow/Process.

📦 1. Fetch Pending Sales Orders

Retrieve all Sales Order entries with a status of 'Draft' or 'Pending'.

📦 2. Retrieve Farm Inventory Levels

Get current stock levels from the Product/Crop Data Model to verify availability.

🔢 3. Calculate Order Total

Calculate the total price of the order by multiplying quantity by unit price and adding taxes.

🔢 4. Calculate Revenue Margin

Subtract the cost of goods sold (COGS) from the total sales price to determine profit.

✍️ 5. Update Sales Order Status

Update the status of the Sales Order to 'Confirmed' once payment is verified.



6. Create Invoice Entry

Generate a new entry in the Invoices Data Model linked to the Sales Order.

7. Create Shipping Manifest

Create a new entry in the Logistics/Shipping Data Model for fulfillment.

8. Assign Order Picking Task

Create a task for the Warehouse Manager to prepare the items for dispatch.

9. Notify Farm Supervisor

Create a task for the supervisor to approve high-value sales orders.

10. Sum Daily Revenue

Aggregate all completed Sales Order entries to calculate total revenue for the current day.

11. Calculate Average Order Value

Calculate the average monetary value of all orders processed this month.

12. Send Order Confirmation to Customer

Send an automated email to the customer containing order details and estimated delivery date.

13. Send Delivery Alert to Driver

Send an SMS to the delivery driver with the pickup location and destination.

14. Decrement Inventory Stock

Update the Product Data Model to reduce the available quantity after a sale is finalized.

15. Generate Weekly Sales Report

Create a summary report aggregating all sales, revenue, and lost opportunities for the week.

16. Remove Cancelled Drafts

Delete Sales Order entries that have been flagged as 'Cancelled' to keep the active pipeline clean.

End

End of the Workflow/Process.