

Dashboard Documentation – Dairy Farm Management System

This document outlines the analytical questions answered by each dashboard page in the dairy farm management system, along with the business value and importance of each insight to the farm manager or decision-maker.

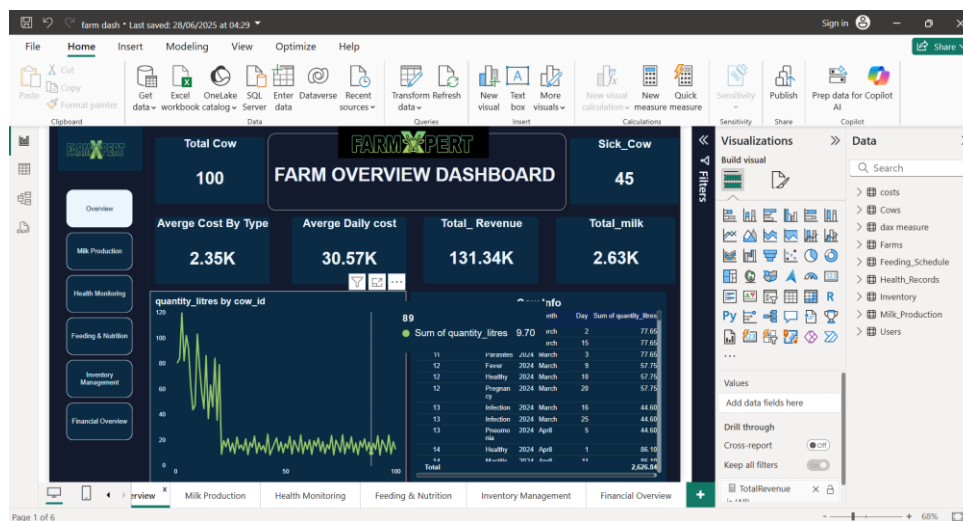
1. Overview Page

Questions Answered:

- - What is the total number of cows?
- - How many cows are currently sick?
- - What is the average cost per cost type?
- - What is the average daily cost?
- - What is the total revenue?
- - What is the total milk production (in litres)?
- - What is the trend of milk quantity per cow?
- - What are the individual cow records (Cow Info)?

Business Value:

This page gives a summarized snapshot of the entire farm's key metrics in one place. It helps the farm manager monitor herd size, health status, revenue, and production performance instantly. This overview helps in quickly identifying any operational issues and areas needing attention.



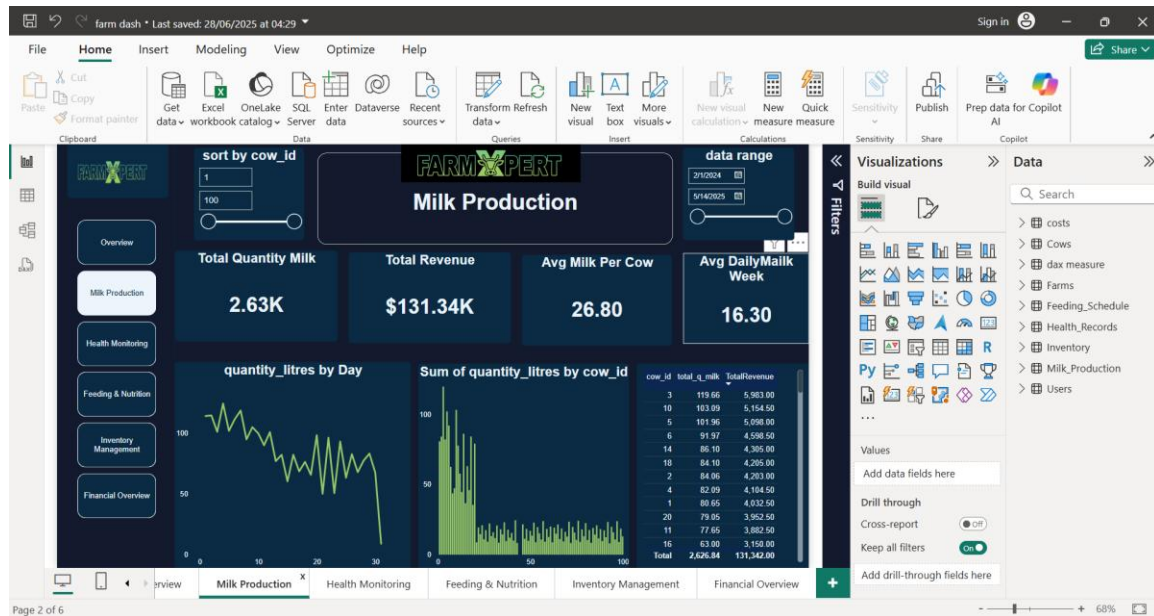
2. Milk Production Page

Questions Answered:

- - What is the total quantity of milk produced?
- - What is the total revenue from milk?
- - What is the average milk production per cow?
- - What is the daily and weekly average milk production?
- - What is the trend of milk quantity produced daily?
- - What is the total milk quantity per cow?

Business Value:

This page focuses on analyzing milk yield and revenue from dairy production. It helps in tracking performance of individual cows, monitoring productivity trends, and optimizing milk output. This data is critical to measure income from core operations and identify top or underperforming cows



3. Health Monitoring Page

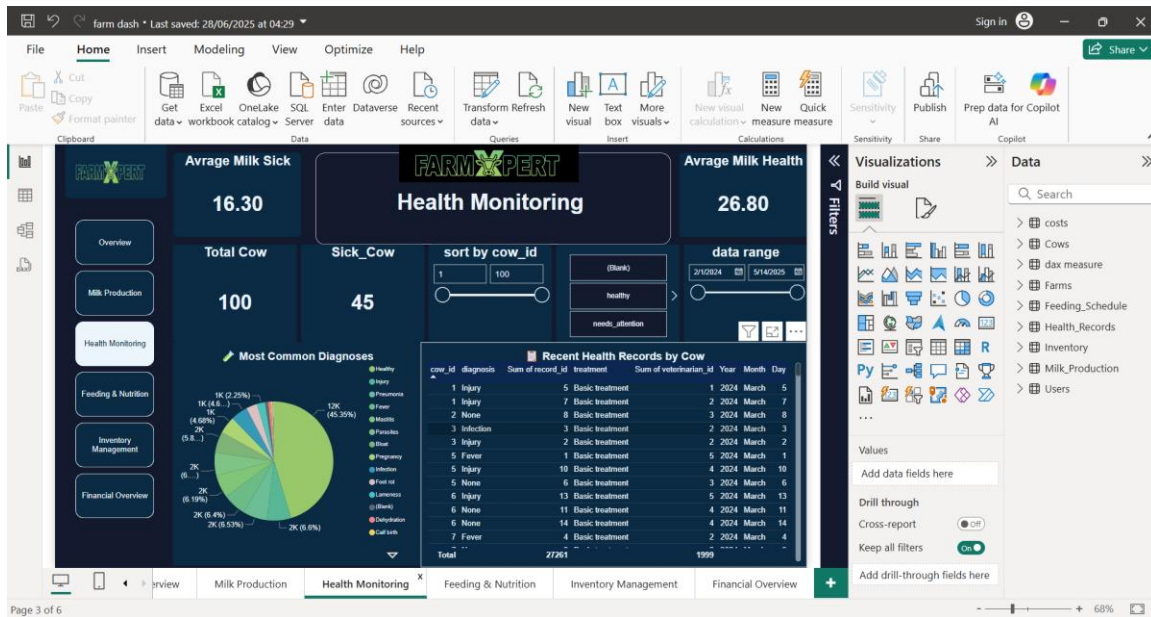
Questions Answered:

- - What is the average number of sick cows?

- - What is the average milk-health performance?
- - What is the total number of cows?
- - How many cows are sick?
- - What are the most common diagnoses?
- - What are the latest health records per cow?

Business Value:

This page provides visibility into animal health. Tracking diseases and the number of sick cows helps reduce potential production losses. It supports proactive veterinary care, early diagnosis, and ensures animal well-being, which directly impacts milk quality.



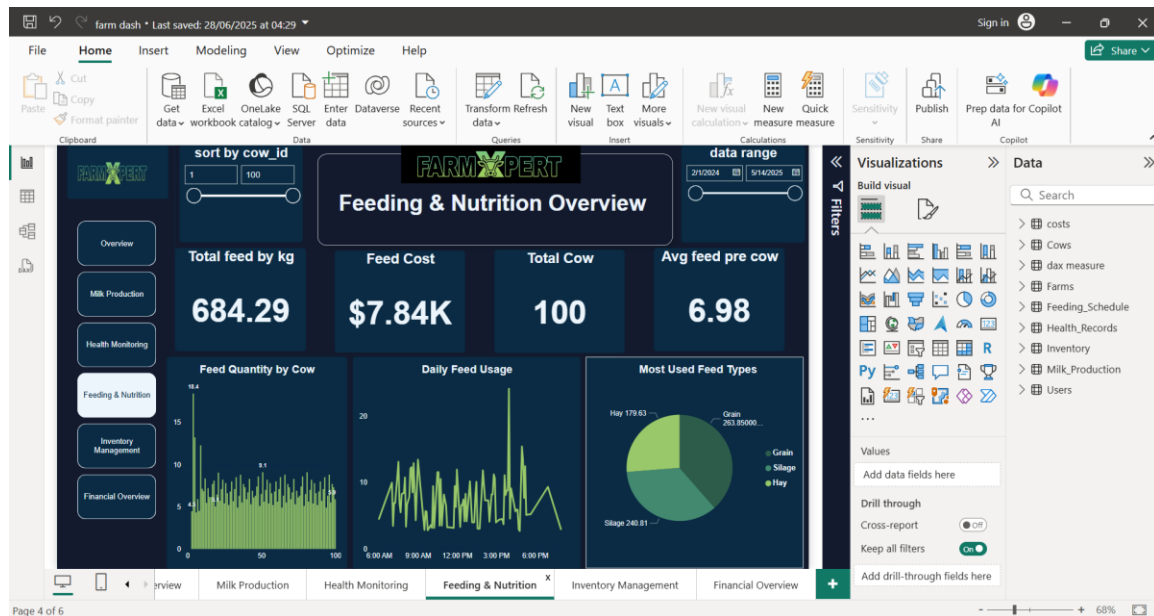
4. Feeding & Nutrition Overview Page

Questions Answered:

- - What is the total quantity of feed used (kg)?
- - What is the total cost of feed?
- - What is the total number of cows?
- - What is the average feed per cow?
- - What is the trend of feed quantity by cow?
- - What is the daily feed usage trend?
- - What are the most used feed types?

Business Value:

This page helps monitor feed efficiency and related expenses. It ensures proper nutrition, avoids over/underfeeding, and tracks which cows consume more. It also supports budgeting for feed procurement and helps reduce waste.



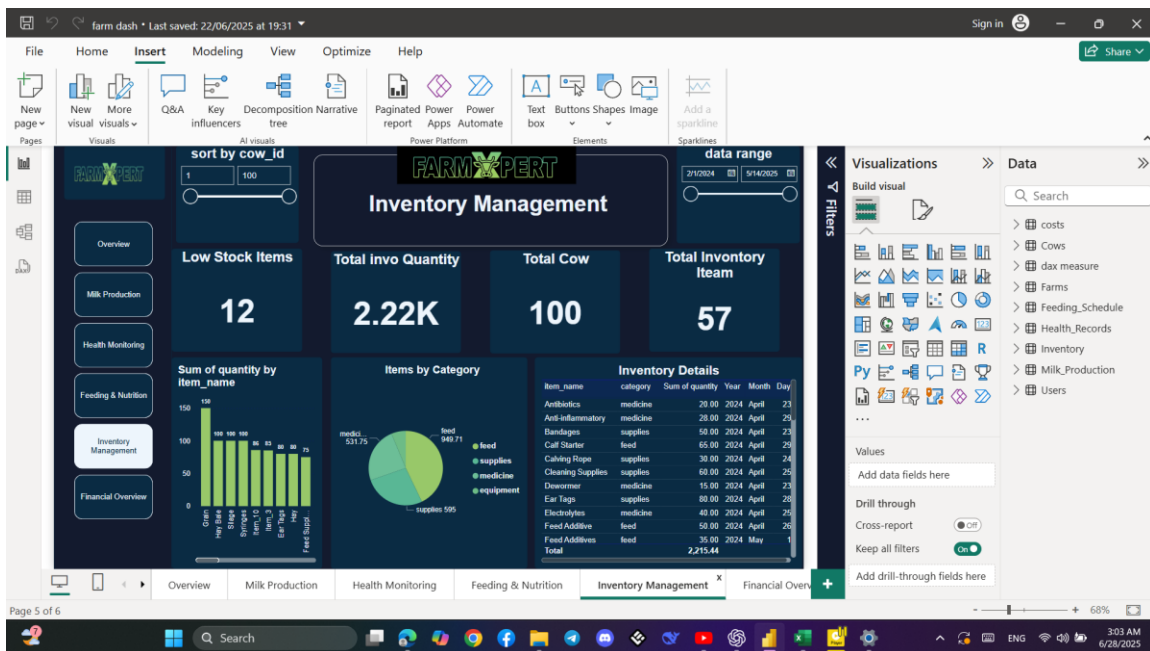
5. Inventory Management Page

Questions Answered:

- - How many items are low in stock?
- - What is the total inventory quantity?
- - What is the total number of inventory items?
- - What are the quantities per item name?
- - What are the item counts by category?
- - What are the inventory details (name, quantity, update date)?

Business Value:

This page provides control over supplies and resource availability. By tracking low stock levels and usage trends, it ensures timely replenishment and avoids stockouts. It is critical for efficient farm operations and cost control.



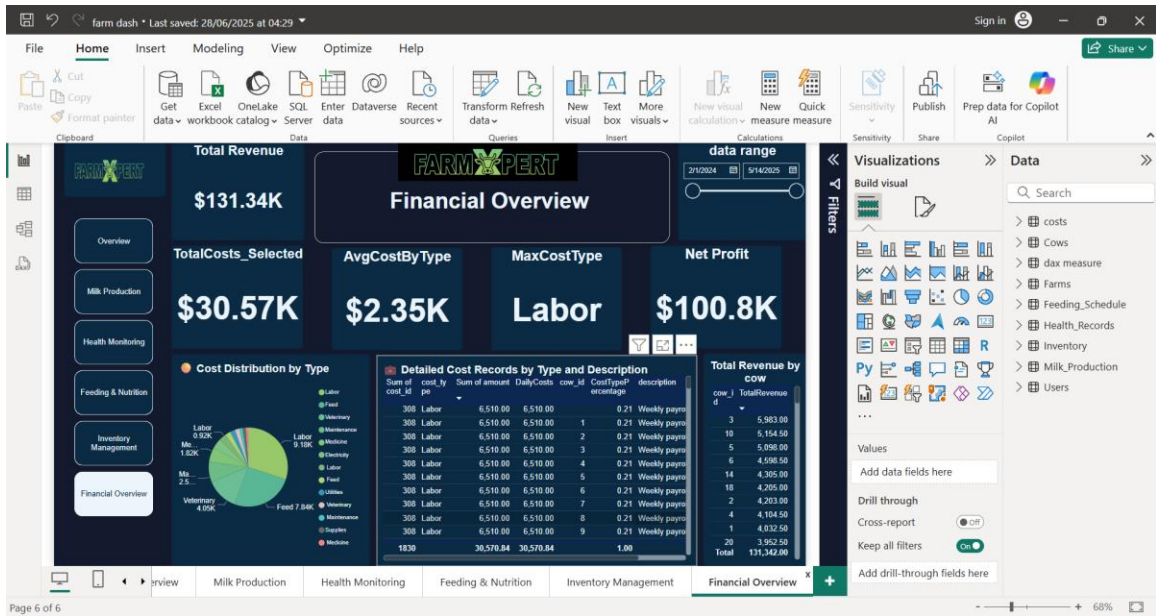
6. Financial Overview Page

Questions Answered:

- - What is the total revenue?
- - What is the total selected cost?
- - What is the average cost per type?
- - What is the highest cost type?
- - What is the net profit?
- - What is the cost distribution by type?
- - What are the detailed cost records by type and description?
- - What is the total revenue per cow?

Business Value:

This page offers financial visibility of the farm's operations. It tracks all expenses, revenue, and profitability. The insights help in budgeting, cost analysis, and evaluating business performance. This is a key page for financial decisio



n-making and ROI assessment.