# Cumulative Activity Scenario

You're a data analyst brought in by **Brew Heaven**, a bustling local coffee shop chain known for its cozy atmosphere and fantastic brews. Despite their charm, Brew Heaven faces a big challenge: they manage their sales, inventory, and customer feedback in separate Excel spreadsheets, which makes it hard to see the full picture and leads to missed opportunities. The owner, **Emma**, is frustrated with this disjointed process and wants a better way to understand what's selling well, what's running low, and how customers feel about their coffee. Your mission is to transform this situation by creating a sleek **Power BI dashboard**. This new tool will pull together all their data into one place, offering Emma clear insights into daily sales trends, how quickly items are flying off the shelves, and customer satisfaction. With this dashboard, Brew Heaven will be able to make smarter decisions about inventory, highlight their most popular brews, and ultimately provide an even better experience for their loyal customers.

## Your Task

1. Import the data, transform it and add necessary relationships

2. On the first page the "Sales Page" insert the following:

   a. Customers Table

   b. Evolution of sales over time

   c. Distribution of sales across products and categories

   d. Overall Sales Revenue

3. On the first page the "Management Page" insert the following:

   a. Overall Rating

   b. Feedback table

   c. Distribution of stock level by category

   d. Distribution of reorder level by supplier

4. Add a title, a theme and publish

**Things to Note**

- Use power queries to replace inconsistencies in the data
- In the "Model View" check if the necessary relationships are put in place

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**Pro Tip**

- You can use a **stacked bar chart** to show distribution across different fields
- Use **cards** to show a single number