

Tasks to solve in this exercise

1. Open your workflow "Exercise_5"

Continue from the "J" Output of the Join Tool:

2. Summarize:

We don't want to have the details for all the different departments.

Use the Summarize Tool to and group by the relevant fields.

In the end we want to have the following columns:

- Store
- Date
- Temperature (in Celcius)
- Fuel_Price
- CPI
- IsHoliday
- Temperature (in Celcius)
- New_CPI
- New_Unemployment
- Weekly_Sales

Use the appropriate actions for these fields in the Summarize tool.

Hint: There are multiple correct solutions but you need to use Groupy By and Sum for some columns. You can also use Min / Max / Average for other columns (also possible for text fields)

3. Create Month & Year column:

Use the Formula tool to create two new fields: Month & Year.

Hint: Use DateTimeMonth([Date]) for the Month field and something similar for the Year field.

4. Output Tool:

Output the data from here to an Excel file called: "sales_consolidated.xlsx"

5. Running Total

Use the Running Total tool to create a Running Total on the sales grouped by the Store.

6. Cross Tab:

Use the Cross Tab tool to have the sales values for the different months in new fields – grouped by the store and the year.

7. Save your workflow as "Exercise_6"

Good luck and enjoy the assignment! 😊

