10Alytics

Excel Live Class 2

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AGRO LTD

Supply Chain Analysis Case Study

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Case Overview

You have just been employed as a Data & Insights Analyst in the Supply Chain Department of a Food Production company and your Line manager has asked you for some specific information from their Supply chain return data. But First, How does the Company work?

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Case Overview

The company partners with a number of Logistics (Partners) firms who make deliveries of the company's products to customers. The customers make returns of products that are below satisfactory level and the company keeps records of these return and groups them into several complaint segments.

The data also takes note of the delivering driver, partner, goods returned, and several other parameters in order to keep track of the CR (Customer Return) and make data-driven insights at the top level in the organization.

Your Task

The Line Managers requests:

1. Total Return Amount ($) of specific drivers and the total Number of products returned in their name.
2. Outlined detail of return for the said drivers per product.
3. Give the Number of transits for some selected Logistics partners.
4. Identify the Company_Name, Driver_Name, Product_Name, Amount, and Risk_Category on some specific dates across the data.

Note: Solve for the Amount and create 2 risk categories based on the following conditions: product "Malt" and Amount greater than $150 (High risk), if Amount is greater than $400 (High risk) while others in Low risk category.

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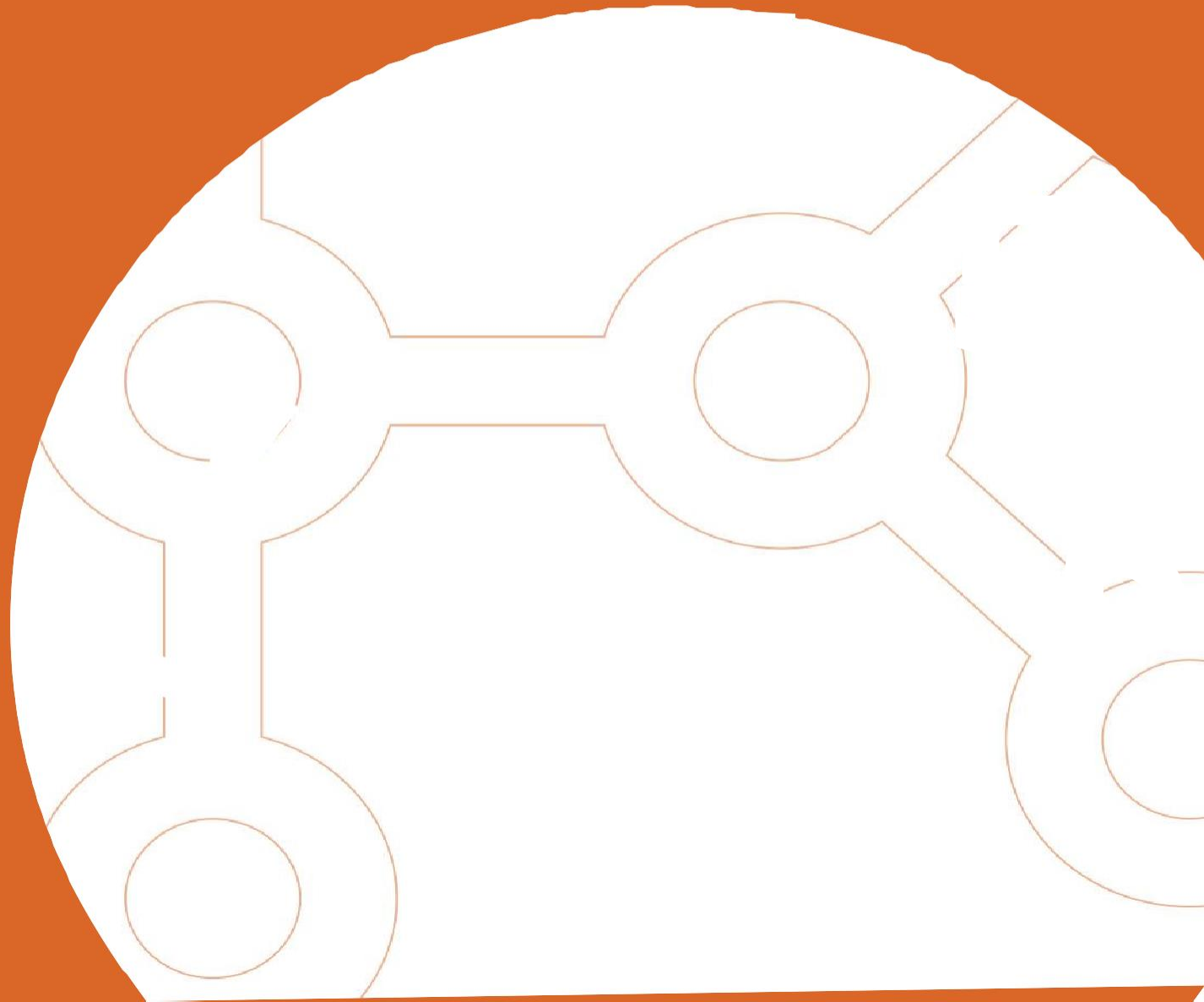
We will learn:



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Vlookup

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Index & Match

2

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Xlookup

3

Countif(s) 4

Sumif(s)

5

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IF

6

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IF & AND

7

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