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Exercise 2: Extend the Classic Excel Dashboard

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You want to analyze the percentage of the VanArsdel sales in Canada that come from VanArsdel's manufactured goods, by each State (Province). While the chart "Sales by State" shows an overview of this information, you want to show the exact **percentage** (to two decimal places) of VanArsdel's sales from VanArsdel's manufactured goods. Remember – VanArsdel sells both their own manufactured goods as well as goods from other manufacturers. Finally, you want to **highlight** if VanArsdel's "share" of goods sold by manufacturer for that state is less than the overall VanArsdel's "share" for the country.

1. Create a pivot table to achieve this task.
2. Use the **State** field from the Sales table for **Rows**, **isVanArsdel** field for **Columns**, and **Sum of Revenue** for **Values**.
3. Set **Show values as % of Row Total** - This will provide you with two percentages for each state (row) that sum to 100%: the percent of revenue from non-VanArsdel manufactured goods sold within that state and the percent of revenue from VanArsdel manufactured goods sold within that state.
4. **(Ungraded)** Apply conditional formatting and highlight the VanArsdel's share for the State(s) that is (are) less than the overall VanArsdel's share for the country (the grand total line). **See the next Unit for one method of conditional formatting for this exercise.** Can you come up with another method? Share your ideas in the discussion forum.

If you need a little refresher, check out the following resource on how to create a pivot table:

- <https://support.office.com/en-US/Article/Quick-start-Create-a-PivotTable-report-0c220f35-e478-49aa-beaf-24018b7f0f64>

Lab Question

3/3 points (graded)

Once you have created the pivot table, you can analyze the performance of VanArsdel's manufactured goods (percent sales for goods manufactured by VanArsdel) for each State. (Hint: refer back to the Lab Overview for the discussion on the purpose of the isVanArsdel field).

In Alberta, what is the percentage of revenue from VanArsdel's manufactured goods? (to two decimal places in the format 00.00, without the % sign)

47.77



47.77

In Manitoba, what is the percentage of revenue from VanArsdel's manufactured goods? (to two decimal places in the format 00.00, without the % sign)

47.21



47.21

In Quebec, what is the percentage of revenue from VanArsdel's manufactured goods? (to two decimal places in the format 00.00, without the % sign)

51.46



51.46

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You have used 1 of 2 attempts

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Show Answer

✓ Correct (3/3 points)

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