LAB-2 Sort And Filter

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| 1. Sort the dataset alphabetically by the Product name in column A. |
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| 2. Sort the dataset by Sales in descending order. |
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| 3. Sort the dataset first by Region in alphabetical order, and then by Sales in ascending order within each Region. |
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| 4. Apply a filter to display only the rows where the Product is "Product B". |
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| 5. Apply a filter to display only the rows where the Sales are greater than 150. |
|  |
| 6. Apply a filter to display only the rows where the Date is in January 2024. |
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| 7. Sort the dataset first by Date in chronological order, and then by Sales in descending order within each Date. |

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| 1. Sort the dataset alphabetically by the Product name in column A. | | | | | | | |
|  |  |  |  |  |  |  |  |
| **Product** | **Region** | **Date** | **Sales** |  |  |  |  |
| Product A | North | 2024-01-01 | 120 |  |  |  |  |
| Product A | East | 2024-01-03 | 200 |  |  |  |  |
| Product A | South | 2024-01-06 | 130 |  |  |  |  |
| Product B | South | 2024-01-02 | 150 |  |  |  |  |
| Product B | North | 2024-01-05 | 220 |  |  |  |  |
| Product B | East | 2024-01-08 | 80 |  |  |  |  |
| Product C | West | 2024-01-04 | 90 |  |  |  |  |
| Product C | North | 2024-01-07 | 300 |  |  |  |  |

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| 2. Sort the dataset by Sales in descending order. | | | | | | | |
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| **Product** | **Region** | **Date** | **Sales** |  |  |  |  |
| Product C | North | 2024-01-07 | 300 |  |  |  |  |
| Product B | North | 2024-01-05 | 220 |  |  |  |  |
| Product A | East | 2024-01-03 | 200 |  |  |  |  |
| Product B | South | 2024-01-02 | 150 |  |  |  |  |
| Product A | South | 2024-01-06 | 130 |  |  |  |  |
| Product A | North | 2024-01-01 | 120 |  |  |  |  |
| Product C | West | 2024-01-04 | 90 |  |  |  |  |
| Product B | East | 2024-01-08 | 80 |  |  |  |  |

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| 3. Sort the dataset first by Region in alphabetical order, and then by Sales in ascending order within each Region. | | | | | |
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| **Product** | **Region** | **Date** | **Sales** |  |  |
| Product B | East | 2024-01-08 | 80 |  |  |
| Product A | East | 2024-01-03 | 200 |  |  |
| Product A | North | 2024-01-01 | 120 |  |  |
| Product B | North | 2024-01-05 | 220 |  |  |
| Product C | North | 2024-01-07 | 300 |  |  |
| Product A | South | 2024-01-06 | 130 |  |  |
| Product B | South | 2024-01-02 | 150 |  |  |
| Product C | West | 2024-01-04 | 90 |  |  |

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| 4. Apply a filter to display only the rows where the Product is "Product B". | | | | | | | |
|  |  |  |  |  |  |  |  |
| **Product** | **Region** | **Date** | **Sales** |  |  |  |  |
| Product B | South | 2024-01-02 | 150 |  |  |  |  |
| Product B | North | 2024-01-05 | 220 |  |  |  |  |
| Product B | East | 2024-01-08 | 80 |  |  |  |  |

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| 5. Apply a filter to display only the rows where the Sales are greater than 150. | | | | | | | |
|  |  |  |  |  |  |  |  |
| **Product** | **Region** | **Date** | **Sales** |  |  |  |  |
| Product A | East | 2024-01-03 | 200 |  |  |  |  |
| Product B | North | 2024-01-05 | 220 |  |  |  |  |
| Product C | North | 2024-01-07 | 300 |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 6. Apply a filter to display only the rows where the Date is in January 2024. | | | | | | | |
|  |  |  |  |  |  |  |  |
| **Product** | **Region** | **Date** | **Sales** |  |  |  |  |
| Product A | North | 2024-01-01 | 120 |  |  |  |  |
| Product B | South | 2024-01-02 | 150 |  |  |  |  |
| Product A | East | 2024-01-03 | 200 |  |  |  |  |
| Product C | West | 2024-01-04 | 90 |  |  |  |  |
| Product B | North | 2024-01-05 | 220 |  |  |  |  |
| Product A | South | 2024-01-06 | 130 |  |  |  |  |
| Product C | North | 2024-01-07 | 300 |  |  |  |  |
| Product B | East | 2024-01-08 | 80 |  |  |  |  |

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| 7. Sort the dataset first by Date in chronological order, and then by Sales in descending order within each Date. |
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| **Product** | **Region** | **Date** | **Sales** |
| Product A | North | 2024-01-01 | 120 |
| Product B | South | 2024-01-02 | 150 |
| Product A | East | 2024-01-03 | 200 |
| Product C | West | 2024-01-04 | 90 |
| Product B | North | 2024-01-05 | 220 |
| Product A | South | 2024-01-06 | 130 |
| Product C | North | 2024-01-07 | 300 |
| Product B | East | 2024-01-08 | 80 |
|  |  |  |  |
| Date in chronological order | | | |

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| **Product** | **Region** | **Date** | **Sales** |
| Product C | North | 2024-01-07 | 300 |
| Product B | North | 2024-01-05 | 220 |
| Product A | East | 2024-01-03 | 200 |
| Product B | South | 2024-01-02 | 150 |
| Product A | South | 2024-01-06 | 130 |
| Product A | North | 2024-01-01 | 120 |
| Product C | West | 2024-01-04 | 90 |
| Product B | East | 2024-01-08 | 80 |
|  |  |  |  |
| Sales in descending order | | | |