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| **Question:** | **1. What is the maximum longitude? It belongs to which state? (2 marks)** |
| **Answer:** | The maximum longitude is represented by Nevada which is -114.62 |
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| **Screen shoots:** | |
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| **Note:** | |
| The analysis conducted on longitudes, the data has been presented in the form of a graph, and the maximum value observed is -114.62, which corresponds to the state of Nevada. | |

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| **Question:** | **2. How much is the total gross margin for each state in 2013? (1 marks)** |
| **Answer:** | California has the highest margin, amounting to 48.67 million, followed by Oregon with 13.99 million and Nevada with 4.18 million. |
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| **Screen shoots:** | |
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| **Note:** | |
| **The analysis of the total gross margin for the year 2013 reveals that California has the highest margin, amounting to 48.67 million dollars. Nevada, on the other hand, has a margin of 4.18 million dollars, while Oregon has a margin of 13.99 million dollars.** | |

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| **Question:** | **3. How much is the maximum discount and by which store? (1 marks)** |
| **Answer:** | The maximum discount offered by Rosa Foods amounts to 504,586.35 dollars. |
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| **Screen shoots:** | |
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| **Note:** | |
| **The graph represents the maximum discounts offered by different stores, and it shows that Rosa Foods provides the highest discount among all the stores.** | |

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| **Question:** | **4. Which city has the maximum original sales price in 2014? How much? (2 marks)** |
| **Answer:** | In 2014, Portland recorded the highest sales price of 1,330,649.35. |
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| **Screen shoots:** | |
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| **Note:** | |
| **The data for the year 2014 was analyzed, revealing that Portland had the highest sale price, as indicated by the maximum value of the original sale price among all location descriptions.** | |

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| **Question:** | **5. The city in Question 4, which product did they sell the highest sales price in 2014? (1 mark)** |
| **Answer:** | In 2014, Portland achieved the highest sales of "Orange with pulp" with a staggering amount of 11,649,501.79. |
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| **Screen shoots:** | |
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| **Note:** | |
| **Upon analysis, it has been determined that in 2014, the city of Portland had the highest sale price for the product "Orange with pulp.** | |

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| **Question:** | **6. For the product in Question 5, which year it has the highest original sales price? (1 marks)** |
| **Answer:** | Orange with pulp highest original sales price was recorded in 2014 |
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| **Screen shoots:** | |
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| **Note:** | |
| **The data was analysed to identify the maximum original sales price for each year, and it was found that the highest sale price of 1,330,649.35 was recorded in 2014.** | |

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| **Question:** | **7. Which product category has the highest fixed price in 2013? (1 marks)** |
| **Answer:** | Juice has the highest fixed price in 2013 |
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| Note: | |
| **The data for the year 2013 was analyzed to identify the product categories, and it was found that juices had the highest sales with a price of 33,915.98.** | |

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| **Question:** | **8. Which month had the lowest gross margin and in which year? (1 marks)** |
| **Answer:** | May, 2014 has the lowest gross margin |
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| **Note:** | |
| **The data was analysed at once in the year 2013, 2014 and 2015 and it was found that May 2014 has the lowest gross margin.** | |

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| **Question:** | **9. In the year with the lowest profit (gross margin) which product had the lowest profit and how much is that? (2 marks)** |
| **Answer:** | **In 2013, Monster had the lowest profit, which amounted to $46,174.72.** |
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| **Screen shoots:** | |
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| **Note:** | |
| **The profit margin was analyses for all the products and Monster has the lowest gross margin of 46,174.72** | |

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| **Question:** | **10. In the year with the highest profit (gross margin) which product had the highest profit and how much is that? (2 marks)** |
| **Answer:** | **In 2015, Orange with pulp achieved the highest profit with a gross margin of $47,517,866.92.** |
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| **Screen shoots:** | |
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| **Note:** | |
| Write the steps | |

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| **Question:** | **11. For the product with the highest average latitude, had the lowest quantity sold by which store manager (1 marks)** |
| **Answer:** | **The lowest quantity(65000) sold by James F–rank** |
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| **Screen shoots:** | |
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| **Note:** | |
| **First, the average latitude was calculated. Subsequently, the store manager was analyzed to determine the highest average latitude. It was discovered that James Frank had the lowest total stock.** | |