**Assignment #2: Excel**

The following table and graph details the distribution of profit and sales by region. The Central region has the highest sum of sales ($99,348.14) and profit ($99,348.14).

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| **REGION** | **Sum of SALES** | **Sum of PROFIT** |
| ***Central*** | ***$ 1,076,963.10*** | ***$ 99,348.14*** |
| Maritimes | $ 952,281.50 | $ 89,909.04 |
| West | $ 1,034,829.80 | $ 93,792.64 |
| **Grand Total** | **$ 3,064,074.40** | **$ 283,049.82** |

Figure 1: Sum of Profit by Canadian Region

The following table and graph details the distribution of profit and sales by month. December had the highest sum of sales at $319,453.54 with April having the highest profit at $25,627.04.

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| **MONTH** | **Sum of SALES** | **Sum of PROFIT** |
| January | $ 242,730.92 | $ 24,302.71 |
| February | $ 231,090.55 | $ 22,287.76 |
| March | $ 244,612.38 | $ 22,360.71 |
| April | $ 266,925.75 | $ 25,627.04 |
| May | $ 231,367.96 | $ 22,899.21 |
| June | $ 267,871.15 | $ 21,391.78 |
| July | $ 206,935.27 | $ 25,033.94 |
| August | $ 225,795.53 | $ 24,952.43 |
| September | $ 283,667.78 | $ 25,556.73 |
| October | $ 268,811.61 | $ 23,828.09 |
| November | $ 274,811.98 | $ 23,096.08 |
| December | $ 319,453.54 | $ 21,713.35 |
| **Grand Total** | **$ 3,064,074.40** | **$ 283,049.82** |

Figure 2: Sum of Profit by Month

The following table and graph details the distribution of profit and sales by province. Ontario had the highest sum of sales and profit at $571,178.14 and $50,410.86 respectively.

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| **PROVINCE** | **Sum of SALES** | **Sum of PROFIT** |
| Alberta | $ 500,261.97 | $ 47,560.82 |
| New Brunswick | $ 483,675.41 | $ 43,369.86 |
| Nova Scotia | $ 468,606.10 | $ 46,539.18 |
| Ontario | $ 571,178.14 | $ 50,410.86 |
| Quebec | $ 505,784.97 | $ 48,937.28 |
| Saskatchewan | $ 534,567.83 | $ 46,231.82 |
| **Grand Total** | **$ 3,064,074.40** | **$ 283,049.82** |
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Figure 3: Sum of Profit by Province

The following table and graph details the distribution of profit and sales by product code. Product R560 had the highest sum of sales at $855,451.28 and product B287 had the highest profit at $76,643.32.

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| **PRODUCT CODE** | **Sum of SALES** | **Sum of PROFIT** |
| B287 | $ 798,676.05 | $ 76,643.32 |
| J890 | $ 722,851.59 | $ 65,974.37 |
| K664 | $ 687,095.49 | $ 67,536.93 |
| R560 | $ 855,451.28 | $ 72,895.20 |
| **Grand Total** | **$ 3,064,074.40** | **$ 283,049.82** |

Figure 4: Sum of Profit by Product