

## DS2: Decision & Iteration Log

### 1. Why I chose my tool.

- For my chosen business scenario, I felt that Microsoft Excel was the best and most suitable tool to use. My business decision regarding the numbers of sales for various products can be easily portrayed in various diagrams such as a number chart, bar chart or even a pie chart. Excel makes this easy as using data and the systems make the whole chart system work automatically. All I need to do is provide a suitable x and y axis, input correct data and automate various graphs of my liking.

### 2. What information I Used.

- Using information provided in the DS2 Assessment information and help Task, I viewed the scenario and went with Valley's Coffee shop. Using the information provided showing the weekly sales per product I created the graphs.

### 3. How I created my artifact.

- On Excel I used a readymade template to showcase my number chart. I edited it all to insert my own data, read my own headings and changed the colour and decision to better match what it was showing. Upon completion I used the Excel formula to automate all final total sales and was able to create a well working table. However, for extra security and better viewing I used the data collected from the total sales formula and then inputted it to show the data in a bar chart. This is more visually rewarding for the business owner who can take a quick look to find the information rather than reading a lot of numbers in a number chart.

### 4. What Changes I made.

- After my first take, I added the bar chart afterwards as I felt a second representation of the data could be useful. This helps add another element to how the data can be displayed and shown to the Valley Coffee shop's owner. Also, the actual colourway and layout was changed to create a more visually pleasant and clean look. This is purely an aesthetic change, makes the Excel table look more presentable.

5. Feedback I Used.

- Feedback was generally positive from my work; only changes I heard throughout the time of this assignment was cleaner heading and to create a more structured table.

6. Final Explanation.

- Final thoughts are Excel worked best for me as well as the business owner. @ reasons it works for me is that creating the table and graphs is quite simple and efficient, also inputting new data becomes easy as the whole formula connected to the table and graph is automated and can change when more data is inputted.