

## MINICASE #1 Solution

New technologies and software are being created each and every year, that enables user to work efficiently while minimizing human errors. In this case, Nautilus Mega needed help in obtaining a prediction for the next upcoming year of the cost in order to prepare for its annual profit plan. This is when software such as Microsoft Excel comes in handy, as it is capable of organizing, calculate and create visual graphs based on the data given. As it has been done, the calculation based on what Nautilus Mega had provided, Excel can find its correlation, intercept and the slope of the function. In return, this can help determine the cost prediction efficiently as it calculates the cost with a given function. Thus, it is inefficient to calculate the cost prediction manually, as many disadvantages can be brought out such as human error and time-consumption. Moreover, the same data on the excel sheet can be used over again to perform different tasks, such as finding average and the total sum without going through the process of re-entering the same numbers on the calculator for each and every task. Aside from customization of the font style, font colour and background that users wish to desire, Excel offers many other tools such as comparing result obtained that is essential in the business field and organizing data in a way that can be used to create professional reports. In the end, the Excel solution would be a better option compared to the manual solution, as it organizes data, perform efficient and accurate calculation and can present these data into an appealing visual graph that can be customized by the user.