### **Problem & background**

Excel enables users to format, organize and calculate data in a spreadsheet. Excel contains a large number of boxes called cells that are ordered in rows and columns. It has several sheets of different data. It is difficult to view data in different sheets at a single time.

### **Solution**

To overcome the problem, we need an Interactive dashboard. The Excel Dashboard is used to display overviews of large data tracks. Excel Dashboards use dashboard elements like tables, charts, and gauges to show the overviews. The dashboards ease the decision-making process by showing the vital parts of the data in the same window.

### **Methodology & Project scope**

A step-by-step process that helps to make this Interactive dashboard more attractive.

There are three types of dashboards: operational, strategic, and analytical.

* I have taken example data of cookies company products, which has different types of products.
* It supplies products for different countries.
* In data we have revenue, units sold, cost and profits.
* By using the Pivot table, I have done the calculations of profits per month, units sold by the month, and profit by country.
* I have shown specific country branches using the 2D map.

### **Goals & KPIs**

### How will you measure the success of your project?

* **Goal 1:**  data management tool that allows users to interact with data by tracking, analysing, monitoring, and displaying key business metrics.
* **Goal 2:** Dashboard chart filter/click-to-filter.
* **Goal 3:** Drill-throughs.
* **Goal 4:** Drill down.
* **Goal 5:** Cross tab filters**.**
* **Goal 6:** Time interval widget.
* **Goal 7:** Chart zoom.
* **Goal 8:** Custom chart tooltips**.**
* **Goal 9:** Advanced data options

### **Concepts Used**

Concepts used in the project From Module 1

* **Concept 1:** Pivot table
* **Concept 2:** Cell Reference
* **Concept 3:** Data Validation
* **Concept 4:** Conditional Formatting
* **Concept 5:** Colour coding
* **Concept 6:** Graphs, Bar charts
* **Concept 7:** 2D-Map
* **Concept 8:** Slicers

### **Conclusion**

Using Interactive Dashboard includes the ability to see relationships between different data sets, spot outliers, and track performance over time. Dashboards can be customized to show only the information that is most relevant to the user, making them an efficient tool for data analysis.

### **Project owner**

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[Interactive Dashboard (Cookies).xlsx](https://1drv.ms/x/s!AplAhv83raCkiRSdMqGurnK3G2d6?e=BvT3F6)