



# Case Study Assignments - Power BI & Tableau

## Case Study Assignment 1

You're working with a manufacturer Welforge LTD who receives and orders a variety of raw materials, which are then employed in production or for maintenance purposes. There is now no procurement system in existence, and enterprises have no means of knowing which suppliers are providing us with high-quality goods and which are not.

There is also no consistency between the plants we buy from and the suppliers we buy from. As a top priority, the programme management team has highlighted the need to centralize and understand supplier quality. In recent weeks, a substantial effort has been made to consolidate the data. The team has now gathered data from all of the plants, including material, fault, and vendor information.

They also obtained the quantity of damaged materials as well as a value for the minutes of downtime caused by the defective material. The management team is now searching for assistance in visualizing and extrapolating the data's conclusions.

## Case Study Assignment 1 ...Continued

Some key questions the business want answering are;

- ✓ Which vendors/plants are causing the greatest downtime?
- ✓ Is there a certain material and vendor combo that performs poorly?
- ✓ Is there a particular Vendor/Plant combination that performs poorly?
- ✓ Which vendors/plants are responsible for the most defects?