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SUPPLY INTELLIGENCE

Supply Intelligence is a plug&play, expert-built, analytical application for Supply Chain, that will help you to improve the efficiency of your Supply Chain.

The efficiency of your Supply Chain is assessed from two different perspectives:

- **Sales Perspective:** *How are we impacted by product shortages?*
- **Resilience Perspective**
  - The Resilience of your Supply Chain is analyzed along 5 pillars:
    - **Supply vs Demand Reliability** - *How can we meet customers demand?*
    - **Inflation Impact** - *How are we impacted by inflation?*
    - **Logistics Reliability** - *Are we able to deliver our customers on-time / in-full?*
    - **Quality Reliability** - *Do we face a lot of returns because of defective products?*
    - **Inventory Availability** - *Do we have enough stock to meet upcoming demand?*
  - A similar assessment is done towards your procurement process and the ability of your suppliers to provide the level of service you expect from them
  - Supply Intelligence consolidates those strategic pillars into **Resilience Scores** (from *very high* to *very low* resiliency)
    - A Resilience Score for each product you sell
    - A Resilience Score for each material/equipment you purchase
    - A Resilience Score for each supplier

Not only will this Accelerator save you a year's worth of work, but most importantly, it will provide you with immediate business outcomes:

- Measure the impact of crisis: inflation, shortages, stock-outs
- Anticipate disruptions and define priorities
- Improve sourcing strategy: eradicate single supplier dependencies for instance
- Optimize inventory management: replenishment process, buffer stocks, inventory controls
- Identify bottlenecks and identify alternative sourcing plans

Monitor and improve KPIs

- **Supply vs Demand**: Supply, Demand, Shortages
- **Price**: Price Index, Average Buying/Selling Price
- **Logistics**: Delivery Time , Replenishment Time, OTIF %
- **Quality**: Defects (Qty, $, %)
- **Inventory**: On-hand Quantity, Out-of-Stock, Below Safety Stock, Over Stock, Missing Stock...
- **Resilience**: for each Product, each Material, and each Supplier
- **... a total of 80+ KPIs**

Answer key business questions

- How resilient are my Products / Materials / Suppliers?
- How are we exposed to material price increases?
- Are we delivered on time?
- Do we receive a lot of defective materials?
- Is our demand for materials fulfilled?
- Do we have enough stock to meet upcoming demand?
- Are we able to meet customer demand?
- Are we able to deliver to our customers on-time / in-full?
- Do we face a lot of returns because of defective products?

Required attributes

10 tables are required, linked by a pivot table:

- **Materials** [4 attributes]
- **Material Purchases** [21 attributes]
- **Suppliers** [5 attributes]
- **Materials Inventory** [10 attributes]
- **Bill of Materials** [2 attributes]
- **Products** [4 attributes]
- **Products Inventory** [10 attributes]
- **Products Sales** [19 attributes]
- **Warehouses** [4 attributes]
- **Customers** [4 attributes]