

MonsoonSIM Performance Measurement (KPI), Business Intelligence and Score Metric

A part of MonsoonSIM Data Analytics Series

Applicable for Version 8 (OCT 2020)

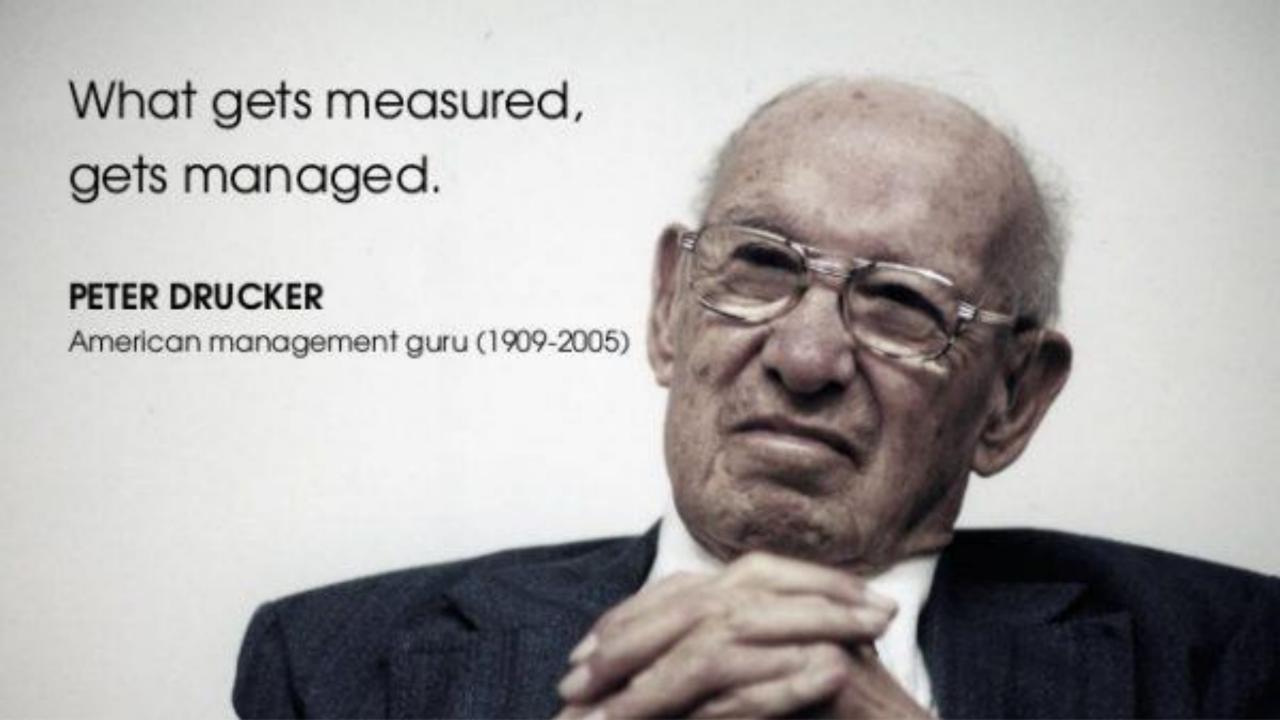
- Able to understand measurement metric concept and apply to reality
- Able to use Data & Information in MonsoonSIM to evaluate and execute better
- Able to use Business Intelligence in next step

Paramintara Yaoyuenyong MonsoonSIM Thailand



IMPORTANT NOTED

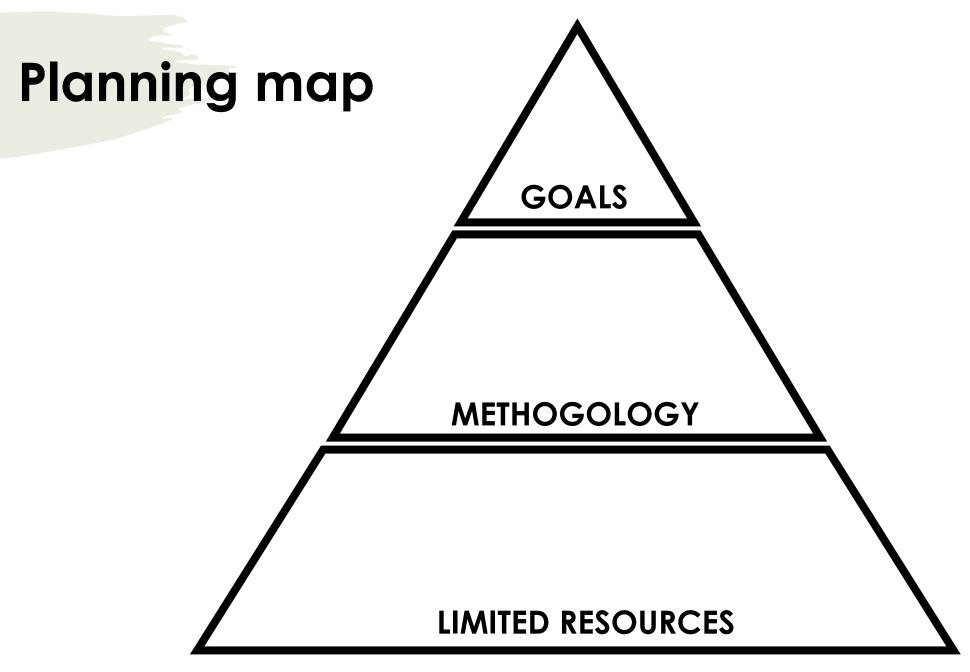
• The terms of <u>Data Analytics in Data Science</u> are slightly different in <u>Predictive Analytic & Prescriptive Analytics</u> in this and these documents (MSIMTH Business Data Analytics Series), the same 'Wording' which happened in MSIMTH Business Data Analytics are for explanation in MonsoonSIM and Businesses explanation for Business experiential learning.













What is Performance measurement?

https://www.bpir.com/what-is-performance-measurement-bpir.com.html

Performance refers to <u>output results and their outcomes</u> obtained from processes, products, and services <u>that permit evaluation and comparison relative to goals, standards, past</u> <u>results</u>, and other organizations.

Performance can be expressed in non-financial and financial terms.

Measurement refers to <u>numerical information that quantifies</u> input, output, and performance dimensions of processes, products, services, and the overall organization <u>(outcomes).</u>

Performance measures might be simple (derived from one measurement) or composite.

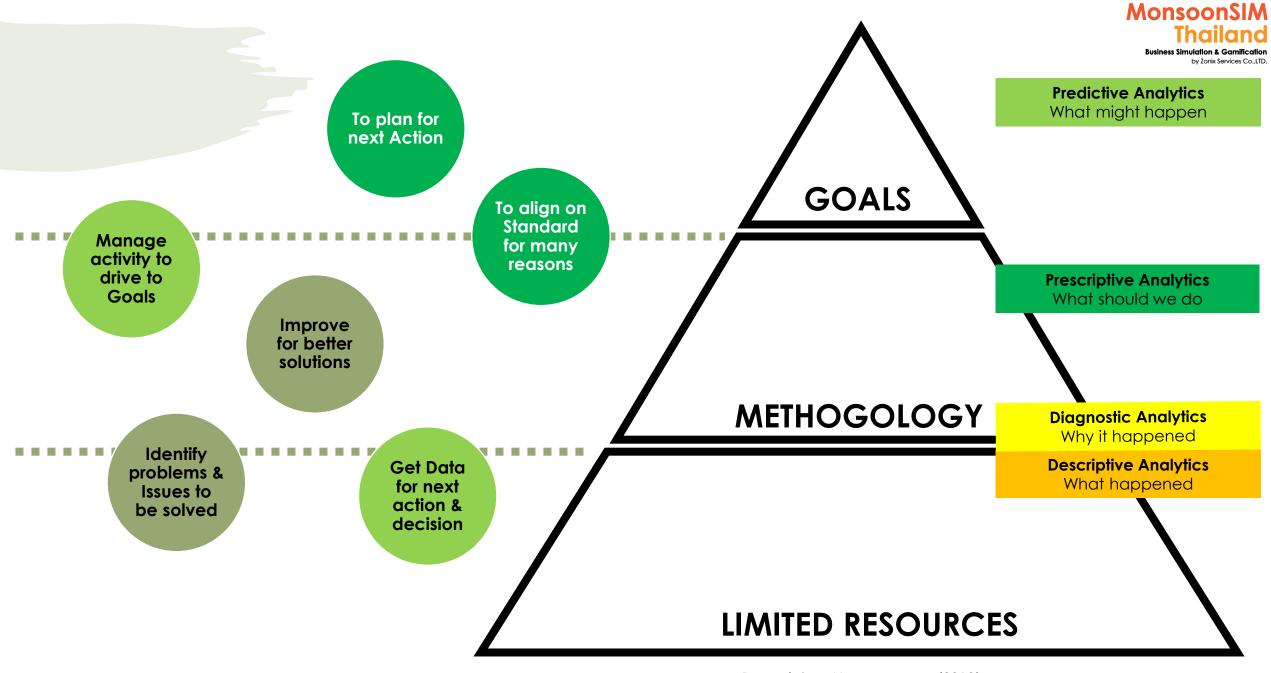


Why we measure our business action/decision?



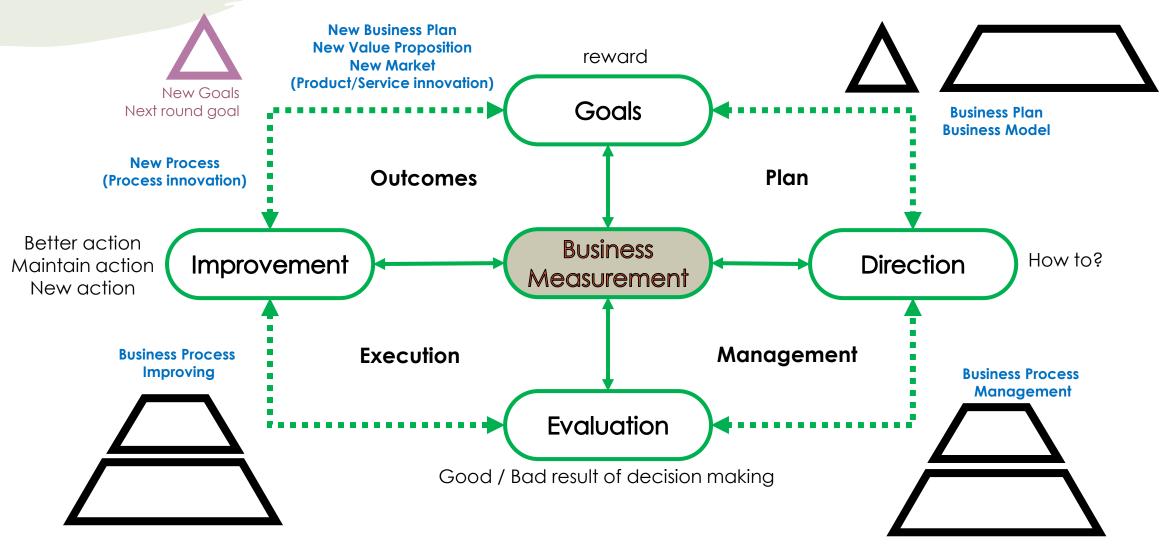
Why we measure business action/decision?

Example: Example: To align on • Yearly ROI, ROA, ROE Internal Organization Standard Standard To plan for Industrial Standard Market Trend for many next Action Inflation rate International Standard reasons Example: Identify **Improve** Example: Customer Complaint problems & for better Retails Stockout Issues to Operating Ratio solutions Vendor late Inventory Turnover ratio be solved Shipment late Paramintara Example: Example: Yaoyuenyong Manage **Get Data** Demand forecasting Sales per product per Locations (2020)activity to for next Market Price Variable COGS drive to action & Market Share Daily Demand / Replenishment ability Goals decision





Why Business measurement?



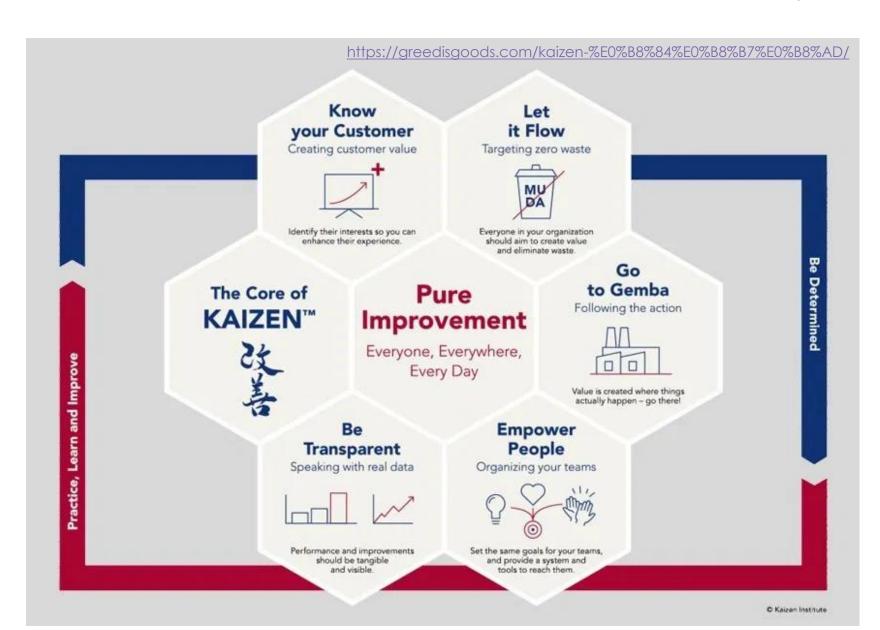
Paramintara Yaoyuenyong (2020)



Kaizen 改善

Kaizen is a Japanese term meaning "change for the better" or "continuous improvement." It is a Japanese business philosophy regarding the processes that continuously improve operations and involve all employees. Kaizen sees improvement in productivity as a gradual and methodical process.

https://www.investopedia.com/terms/k/kaizen.asp





What is measurement?





KPI; Key Performance Indicator

A Key Performance Indicator (KPI) is <u>a measurable value that demonstrates how effectively a company is achieving key business objectives</u>.

https://www.klipfolio.com/blog/kpi-metric-measure

Key Performance Indicators (KPIs) are the critical (key) indicators of progress toward an intended result. KPIs provides a focus for strategic and operational improvement, create an analytical basis for decision making and help focus attention on what matters most. As Peter Drucker famously said, "What gets measured gets done."

https://kpi.org/KPI-Basics

Key performance indicators (KPIs) refer to <u>a set of quantifiable measurements used to</u> <u>gauge a company's overall long-term performance</u>. KPIs specifically help determine a company's strategic, financial, and operational achievements, especially compared to those of other businesses within the same sector.

https://www.investopedia.com/terms/k/kpi.asp

Key Performance Indicators Definition and Examples

A quantifiable measure a company uses to determine how well it's meeting its operational and strategic goals.



A sales team might track **new revenue**



A customer support team might measure the **average on-hold time** for customers



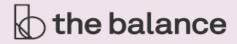
A marketing group will look at the contribution of **marketing generated sales leads**



Human resources will look at employee engagement



Other areas of the business will look at the efficiency of processes





Measurement & Metric

Definition

Metrics

Provides measuring units to depict values, thresholds, constraints, scope, duration, maximums and minimums, averages, etc.

Measures

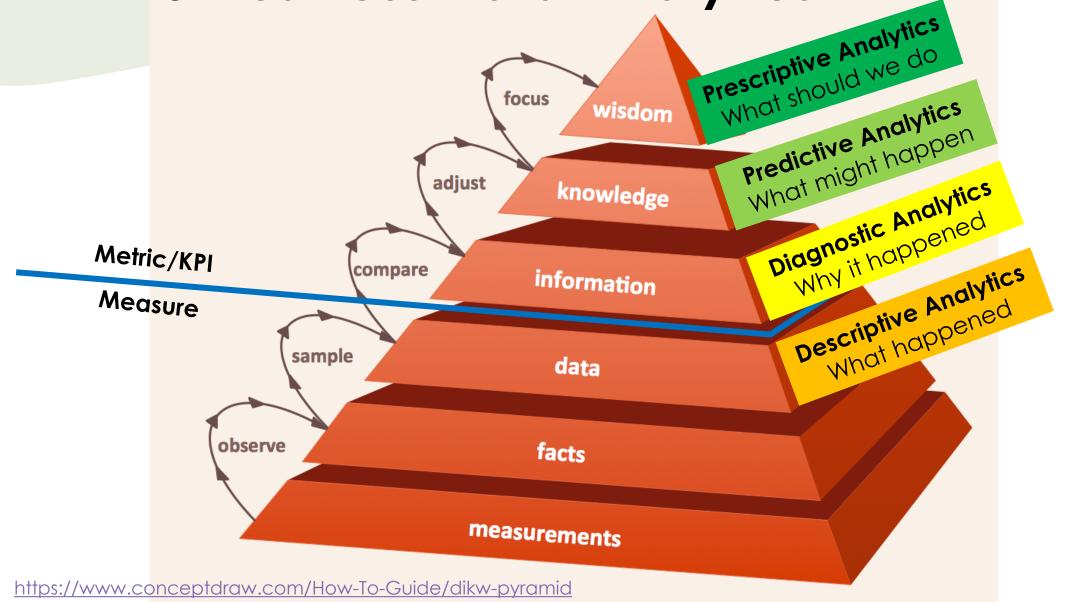
Represent information
used to establish a
common
understanding of
status, condition, and
position of something

A "measure" is a number that is derived from taking a measurement. Your height, weight or temperature would all be measures. ... In contrast,

a <u>"metric"</u> is a calculation between two measures.
Typically, the calculation is a form of division



DIKW & Business Data Analytics





"Whatever have been measured, That needs to be planned and done"

Paramintara Y.



Type of KPIs in Process/Project Management

https://kpi.org/KPI-Basics

measure attributes

(amount, type, quality) of resources consumed in processes that produce outputs

Input

Process

activity measures focus on how the

efficiency, quality, or consistency of specific processes used to produce a specific output;, such as the tools/equipment used or process training

result measures

that indicate how much work is done and define what is produced

Output

Outcomes

focus on
accomplishmen
ts or impacts,
and are
classified as
Intermediate
Outcomes

measures
answer questions
about the status
of deliverables
and milestone
progress related
to important
projects or
initiatives

Project/Plan



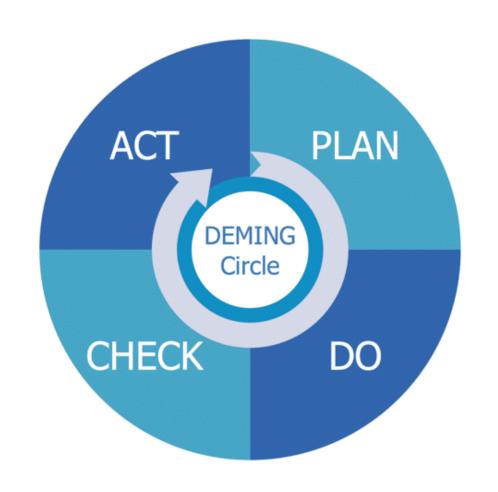
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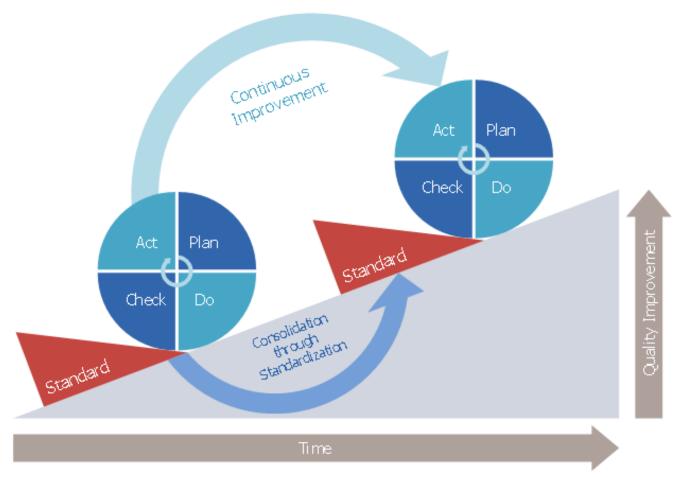
When should we measure?



DEMING CYCLE

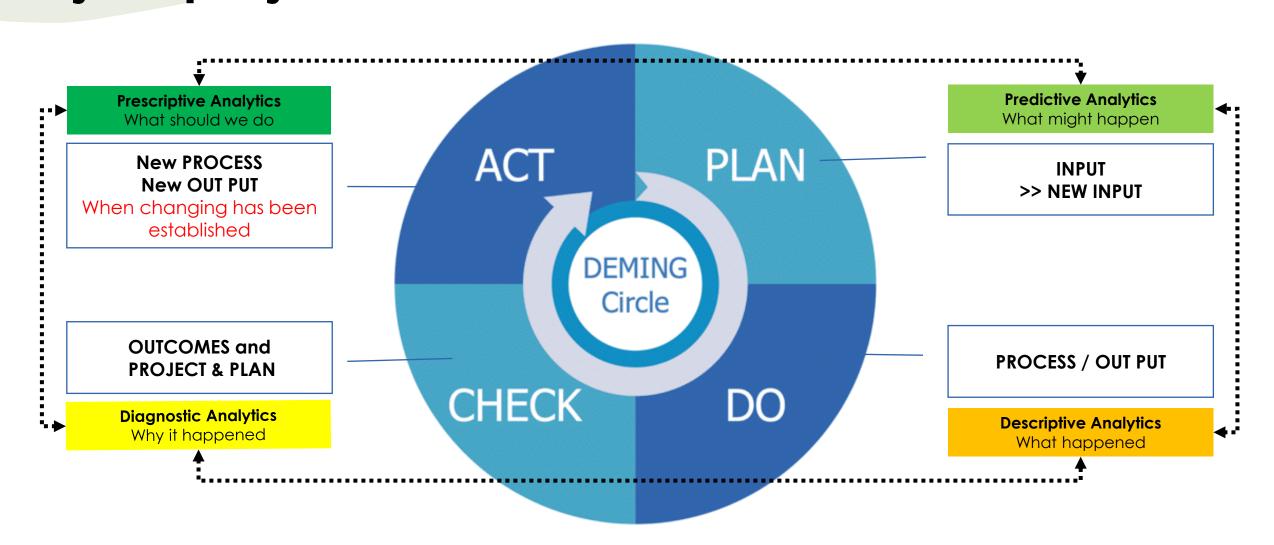
KPI Metrix is part of Deming Cycle





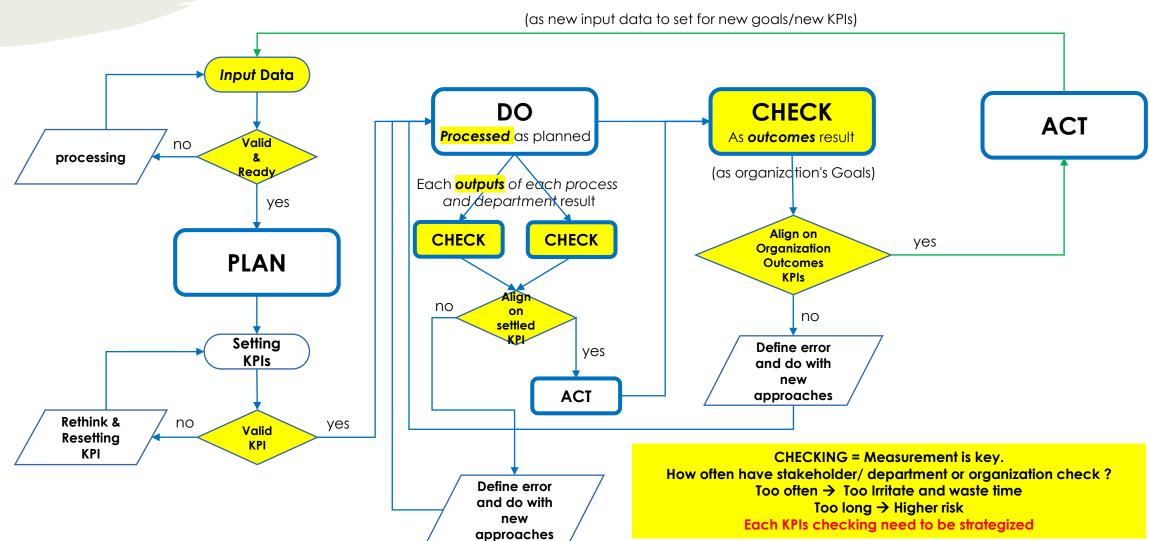


How to use Deming Cycle to improve your job/project/business?





How to make use of PDCA Strategically



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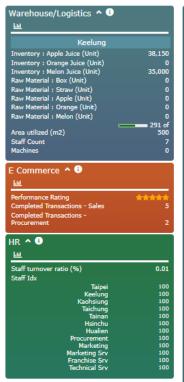


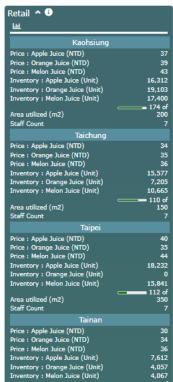
How to monitor and explore data and measure in MonsoonSIM



KPI Box of each department

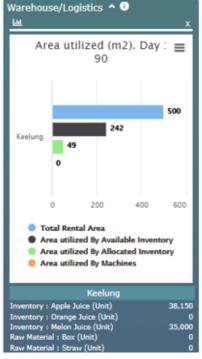


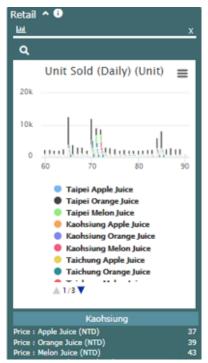




Micrograph of each department







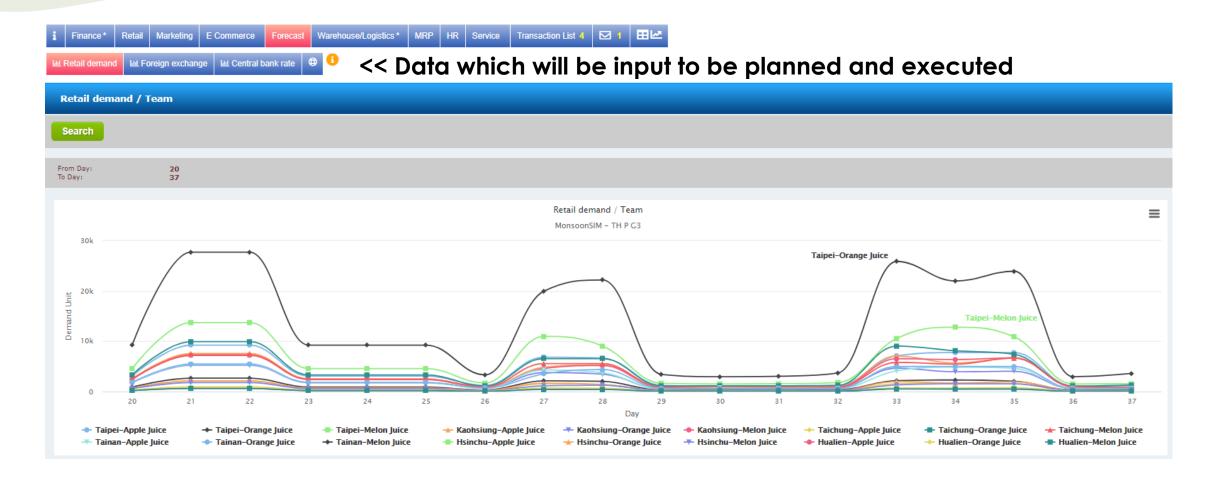


RAW Data in each Departments >> Location Procure Finished Goods Retail Sales and Price Need to scrap or bring the data out, structured **Retail Sales** and model before use Search Day Sales Product Unit Sold Sales (NTD) Daily Marketing (NTD) **Unit Remain** Location Price (NTD) Taipei Apple Juice 20,240 3000 Media C 18,232 Taipei Orange Juice 517 18.095 10000 Media A 35 + -Trial Balance Taipei Melon Juice 1022 44.968 5000 Media B 15.841 44 + -Search CSV 🕹 500 Media C 37 + -Kaohsiung Apple Juice 310 11,470 16,312 TH P G3 Trial Balance 500 Media C Kaohsiung Orange Juice 217 8,463 19,103 39 + -(NTD) Day: 0 - 90 Accounts Debit 18,483,812 Account Name Debit Credit Balance Cash On Hand Description

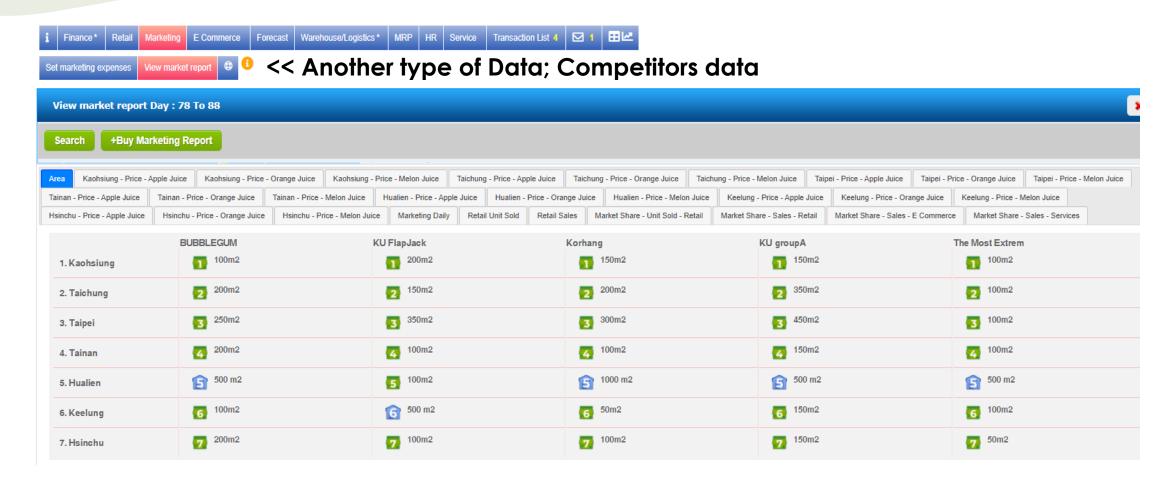
Human Resources

2,000 Counselled











Structured Data in each Departments >>

Business Intelligence

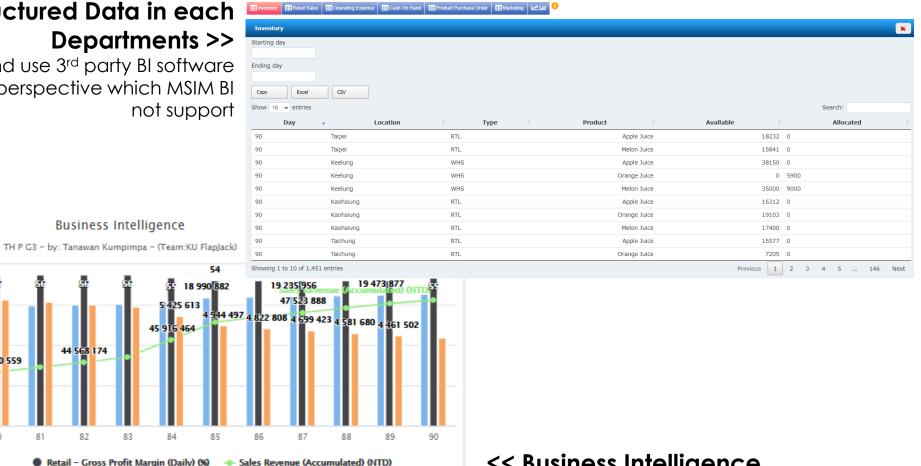
Retail - Gross Profit Margin (Daily) (%)

Able to download and use 3rd party BI software to analyze in others perspective which MSIM BI not support

OT/O

COGS (Accumulated) (NTD)

Inventory Value (Daily) (NTD)



<< Business Intelligence





<< KPI Target

Some of target are each measurement, some are comparison to competitors



Measurable and availability metric in MonsoonSIM

Descriptive AnalyticsWhat happened

- Data which relevant to the function
- Each functional data or relevant data from other function
- Each function dashboard (Operation Dashboard)-KPI BOX
- Some Micro graph in each function

Diagnostic Analytics Why it happened

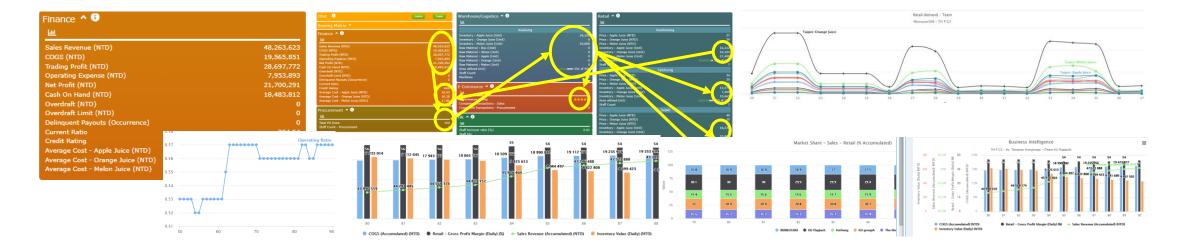
- Relevant output/
 outcome data be
 synthesizing as information
 to understand, Identity
 the problems/issues to be
 solved or protected
- Competitor or deeply relevant information
- **Business Intelligent** / Basic Business Analytic

Predictive AnalyticsWhat might happen

- Relevant output/ outcome data be synthesizing as information to prevent the RISKs happened and took effected to organization
- External information which will effected to normal operation and organization's goals

Prescriptive AnalyticsWhat should we do

- Relevant internal information from passed three stages compared to organization visions
- Relevant internal information and External factors and use as SEM; Strategic Enterprise Management level.
- Management Dashboard





Part of MonsoonSIM Observer (Monitoring) & BI (Find the relation of Cause & Effect)

(Use for Evaluate your decision and action)



Key Delivery

- Meaning
- Activity that cause of results
- Able to identify XXX
- Output/Outcomes
 - If good >> Benefits
 - If Bad >> Risks

- Which Data <> Activity in supply chain that need to be monitored during execution that will show you
 - Same XXX happen again and getting worst
 - XXX gone or better output/outcomes
 - Next issue cause of executed planned



- Which Data <> Action that cause of XXX
- Find the relevant action which cause of XXX
- Narrow down to Root of Causes
- Plan, how to manage XXX
- Simulate the Results that might happened,
 Get rid of RISKs and find proper action

- Define sets of output which generated good outcomes
- Everything which well planned able to gain EXPECTED OUTCOMES
- Able to simulate scenario by cater
 - Probability or chance/risks
 - Manageability Optional

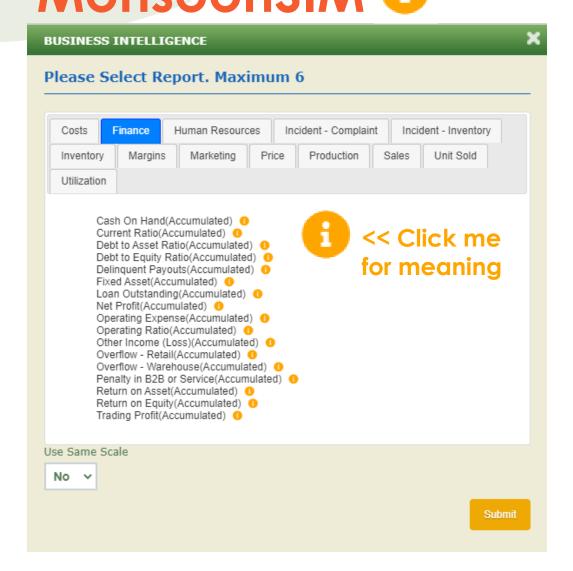


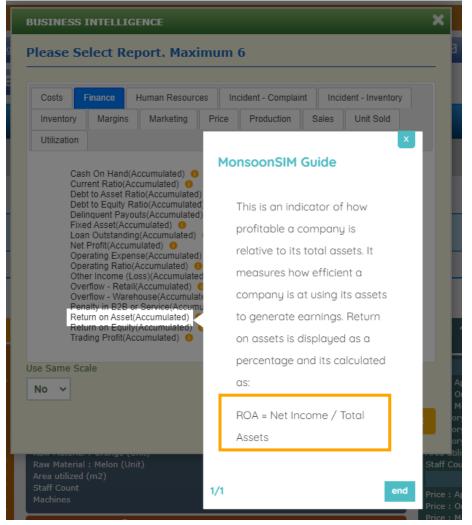
Suggestion!!!

- Integrated MonsoonSIMTH circle of knowledge in related workflow to understand more
- Integrated Goals → Methodology → Resources



Meaning of Each Data/Information in MonsoonSIM (1)



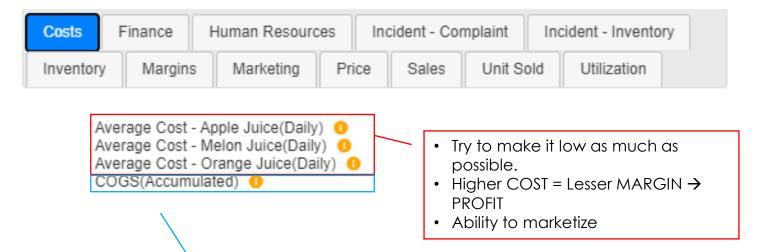




Costs ←→ COGS

The cost in BI represented only COGS; which part of Total Cost. Do not monitor only this factor alone.

The Total Cost = (COGS + OPEX + CAPEX)



- effected to PROFIR MARGIN, ROA
- Market chance and Market Share

Meaning: COGS

Direct and indirect meaning

Direct: Cost of Good Sold (Product cost) **Indirect:** Margin → Trading Profit → Net Profit

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: wider margin → Gain more profit **Indirect benefits:** can use price to penetrate

market and get rid off competitor

Direct Risk: swing COGS

indirect Risk: Customer Loyalty, competing ability, etc

Identify relate Action

Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Procure Performance, Safety stock + procure condition which maintain COGS

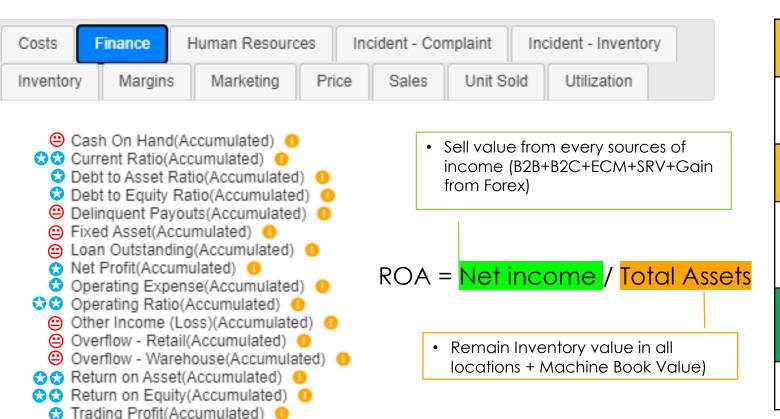
Secondary action: Checking vendor exactly lead-time to manage, Cash liquidity; CCC, etc



Finance

Financial Status or some factors which related to your Financial Status. Some are Data Level (a), Some are Information Level (b)

Financial perspective can help to measure quality of decision making, status of business. But need to understand the original of data/information which cause of meaning



Meaning: Return on Asset

Direct and indirect meaning

Direct: ROA = Net income / Total Assets

Indirect: Business not have progression, due to error in revenue generation or Asset as cost

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: measure the return value of asset

Indirect benefits: tells you which activity need to be improved or having an error in operation

Identify relate Action

Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

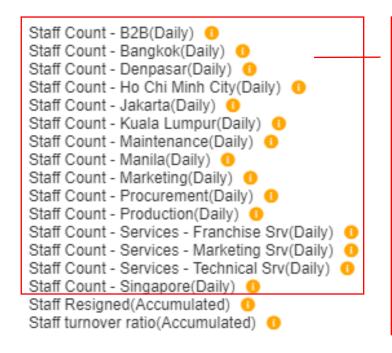
Primary action: improve performance in sell and more manage in inventory, production plan



Human Resources

Human Resource in MonsoonSIM reflect the concept of manage Staff Count + Competency + Personality. If HRM has drop will effected to that department performance and reflected to related business process/supply chain





- If staff count less than
 Planned Staff., will cause of issue → effected to that department competency
 - E.g. need 4 staffs; each staff share 1st part of competency as 25%, if short of 1 staff, maximum competency will be 75%
 - In case of, Personality and staff issue had been integrated. Less staff will pull the rest of competency as integrated factor

Meaning: STAFF TURNOVER RATIO

Direct and indirect meaning

Direct: Rate of staff turn over

Indirect: Less ability to manage HR or Recruit staff

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: Ability to secure good staff to work with organizations if we recruit, manage staff well.

Indirect benefits: Save cost in HRM, able to make progress than keep training the new staff

Direct Risk: Generation differentiate

indirect Risk: Staff will be stolen from competitor

Identify relate Action

Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Choose the right competency

and Personality

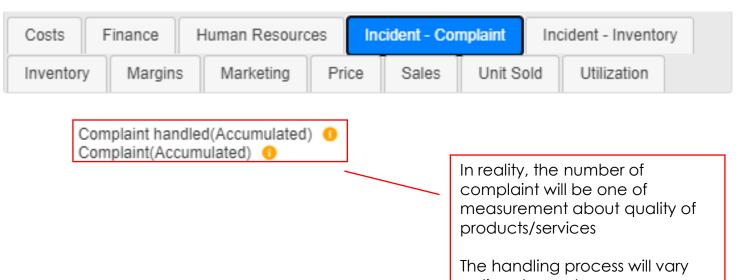
Secondary action: Consult them, Train them to

fulfill their mentality need



Incident - Complaint

The number of complaint and mis-handled will effect to B2B in MonsoonSIM. Nowadays in reality, complaint will easily to spread-out due to social media. The effort of many years will be destroyed in less than a minutes if handle the case wrongly.



The handling process will vary option depends on case.
Technically not only count the number of handled case, but count on results after handled

The purpose is to keep customer relationship and satisfaction:)

Meaning: COMPLAINT

Direct and indirect meaning

Direct: Customer dissatisfied to our

product/service

Indirect: Chance that customer will switch to competition/ use equivalent optional to solve their problem not your products/services

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: Feed back from Customer to be solved an issue

Indirect benefits: sometime the complaint and comment will be source to develop products/services

Direct Risk: If not handles, will loose customers indirect Risk: longtails effect and will expand to other products/service under same organization

Identify relate Action

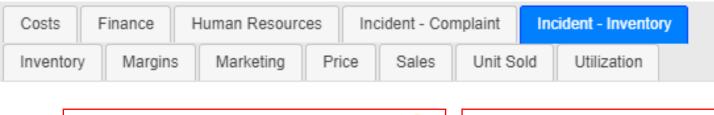
Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Sorry and listen, No objective no excuse



Incident - Inventory

In trading and manufacturing industry, Inventory is important key of success. These sample of incident-inventory measurement will tells you some error in operation in beginning part of supply chain.



Late Shipment - Vendor - VRM1(Accumulated) 1
Late Shipment - Vendor - VRM2(Accumulated) 1
Late Shipment - Vendor - VFG1(Accumulated) 1
Late Shipment - Vendor - VFG2(Accumulated) 1
Late Shipment - Vendor - VendorX(Accumulated) 1
Late Shipment - Vendor - VendorY(Accumulated) 1
Late Shipment - Vendor(Accumulated) 1
Retail Stockout(Accumulated) 1

Vendor's behavior and on-time reliability are important part of KPI of Procurement. To make sure that you can get inventory on-time; Just-In-Time; JIT

To know the exactly lead-time of vendors can protect the Revenue, highly utilization of area, machine, staff. And WASTE REDUCTION or DOWNTIME

Meaning: RETAIL STOCKOUT

Direct and indirect meaning

Direct: No inventory to sell in Retail shop

Indirect: Loose of selling chance, Lack/Lower of

Cash flow in

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: To adjust the safety stock and prevent losing possible incomes

Indirect benefits: Customer's satisfaction and loyalty

Direct Risk: Revenue reduction

indirect Risk: Continuity of stockout may cause of

loose customer's loyalty

Identify relate Action

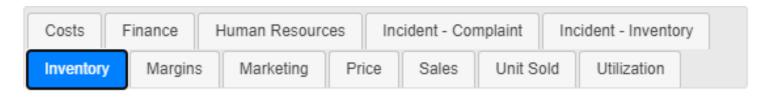
Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: plan or forecast Demand to procure Goods/Raw material match to requirement, selling and Marketing plan, Seasonal Demand, etc



Inventory

Available Inventory = Convenience = Chane to sell, BUT = Cash liquidity, Possible waste from product expiry, loose in storing in improper environment, higher area rental, etc. Everything has PROs and CONs. Considers and Balance your management vs Outcomes vs Risks



Day Sales in Inventory(Average)

Day Sales in Inventory(Daily)

Inventory Turnover Ratio(Daily)

Inventory Value(Daily)

Output

Outpu

The number of times inventory is sold in a time period. Also known as stock turnover. Higher inventory turnover indicates better performance and lower means inefficiency.

Inventory Turnover Ratio = Cost of goods sold (COGS) / Average Inventory *365 In MonsoonSIM, the period is a year, ie, 365

Ex: A value of 5 on Day 11 means that based on the sales performance of Day 11, within a year, we will be able to sell 5 times this current inventory

The <u>average</u> days sales of inventory (DSI). It indicates the <u>average</u> time in days that a company takes to turn its inventory, including goods that are a work in progress, into sales. Ex: DSI of 20 means it will take 20 days to totally sell out the current inventory

Note: If not average will become daily

Meaning: Day Sales in Inventory

Direct and indirect meaning

Direct: How many day to sold out the remain Goods/Raw material compare to Selling rate. **Indirect:** You are too high or too low in inventory

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: manage the inventory **Indirect benefits:** not be a cause to effect other operation

Direct Risk: Less Cash on Hand, may need to use lower price = lower margin to get rid of inventory excess

Identify relate Action

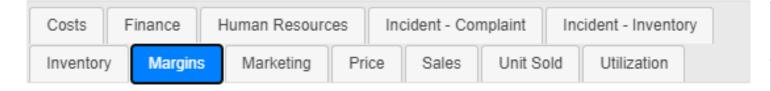
Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: If the number of DSI getting higher., Stop Procure, Sell more in B2B, B2C, Do marketing campaign.

Secondary action: Make sure that you procure Inventory match you demand.



https://www.thebalancesmb.com/gross-margin-and-profit-2890415





If monitored as Retails Branch, able to understand the profitability of each branch., and able to manage pricing and marketing.

In directly, will help to monitor utilization and operation (OPEX) which effected to net profit



Meaning: Gross Profit Margin

Direct and indirect meaning

Direct: Profit Margin = Total Net Profit / Total Sales **Indirect:** Profitability and Profit efficiency

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: monitoring and changing the

methodology by margin perspective

Indirect benefits: changing of Sell and Operation

Plan

Direct Risk: aware but didn't change the action

indirect Risk:

Identify relate Action

Primary action (Cause) >> Primary result (Effect) -> Sync to next process/supply chain

Primary action: Sell more, focused in Cost

controlling and operation

Secondary action: Communicate this data to

related operation/department



Marketing

Marketing is very wide in territory., In MonsoonSIM only provide one fundamental concept which Promotion by investing in media and get positive ROI. BTW, the indirect concept is integration in Marketing mix; Price, Process. And use of marketing data to analyze business/decision.



Meaning: Marketing Daily (Investment)

Direct and indirect meaning

Direct: Amount which invest in daily marketing **Indirect:** Investment cost which need ROI or some expecting output

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: generate outcomes; revenue, perception, understanding, trust, etc.

Indirect benefits: hardly to define, depends on your objectives

Direct Risk: indirect Risk:

Identify relate Action

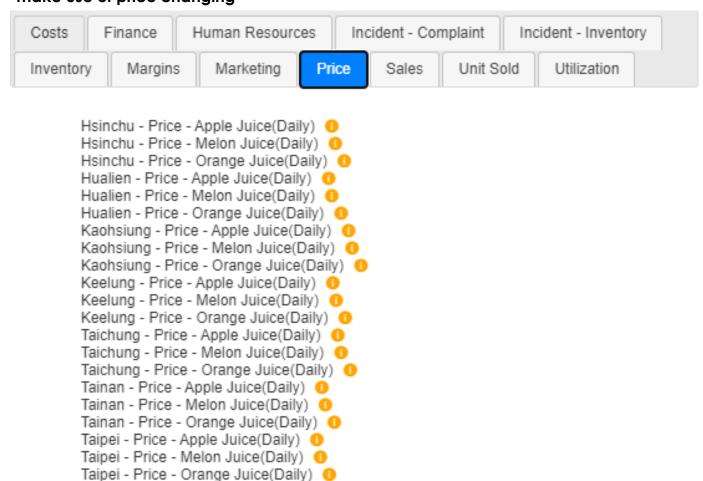
Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Secondary action:



Price

Price considered data entry level, **DO NOT USE ONLY SINGLE DATA to make decision**. Price monitoring need to be integrated with related Data for analyze. (EG: Margin, Unit Sold, Marketing investment, Market share > Business Plan) Changing price is easy. **Please define objectives and make use of price changing**



Meaning: Price

Direct and indirect meaning

Direct: Price

Indirect: Trading between value and money from

customer perspective

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: Revenue

Direct Risk: Changing of Margin → Net Profit after

be deducted of all costs

Identify relate Action

Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Set objectives before changing

the price

Secondary action: Understand the effect when

changing the price



Sales

Sales is Income & Revenue. But do not use only Sales in measurement. Sales need to be integrated with; Cost → Margin → Profit



Retail Sales(Accumulated) 1 Sales E Commerce(Accumulated) 1

Sales Revenue(Accumulated) 0

Sales Services(Accumulated) 0

Sales Wholesales - Apple Juice(Accumulated) 0

Sales Wholesales - Melon Juice(Accumulated) 0

Sales Wholesales - Orange Juice(Accumulated) 0

Sales Wholesales(Accumulated) 0

Services - Completed Transactions(Accumulated) 0

Wholesales - Apple Juice(Daily) 0

Wholesales - Melon Juice(Daily) 0

Wholesales - Orange Juice(Daily) 6

Meaning: SALES

Direct and indirect meaning

Direct: Income / Revenue while trading

product/services with money

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: Revenue

Indirect benefits: Money to be expensed

Direct Risk: Low Sales → Less revenue

Identify relate Action

Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: define proper actions and environment to gain more sales and having

margin

Secondary action: Collecting the data which

able to use to analyze and plan



Unit Sold

Unit sold will be recorded wen inventory can be sold. If use with the Price, Marketing data and synthesis with margin and others related data. Unit sold can be use to plan as forecasting and able to compare with forecasting to find Gap and descriptive reason.



Meaning: RETAIL UNIT SOLD

Direct and indirect meaning

Direct: Number of unit that can be sold in retail

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: input data to procure finished goods to retails support to real requirement Indirect benefits: Plan to distributed unwanted Finished goods to be sold in other channel/market

Identify relate Action

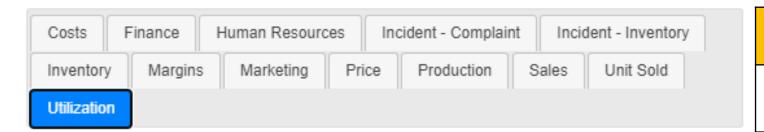
Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Procure that product based on unit sold



Utilization

Utilization is use to measure for ability/performance to manage the resources like; area, time, machine, money, staff etc. in the reality, some pf resources unable to raise up or lower down like the game. One of the business management always 'UILIZATION' and next for 'OPTIMIZATION'



Average OEE(Accumulated)
Space utilization(Accumulated)
Utilization - Machine Capacity(Accumulated)

1

Meaning: AVERAGE OEE

Direct and indirect meaning

Direct: The number of capacity of each machine **Indirect:** The data which will convert to COGS

and use for marketize plan

Benefits/Risks

Direct and indirect benefits/risks

Direct benefits: Monitoring the machine conditions and maintenance team ability Indirect benefits: able to predict the number of finished goods which was produced,. And able to do selling plan with no delay and stockout Direct Risk: Lower OEE is effected to number of production capacity

indirect Risk: COGS, committed deal to B2B customer and B2C selling

Identify relate Action

Primary action (Cause) >> Primary result (Effect) → Sync to next process/supply chain

Primary action: Keep maintenance to OEE which less effect to COGS and Production capacity



Understanding & Using MonsoonSIM Business Intelligent (BI)

MonsoonSIM BI has allow maximum 6 different sets of data to be measured in one time.

If leaner download the data as CSV and use with 3rd party BI software, will be able to measured as much as set of data to be used.



How to use MonsoonSIM BI?



Think about relevant data, same group od data which able to answer questions



Understand the relationship and interpret data. Answer of question and call to action

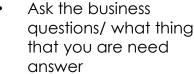






keen on. Just practice, mistake and learn

to be compared in MonsoonSIM BI



Maybe use Business measurement



Select the relevant data

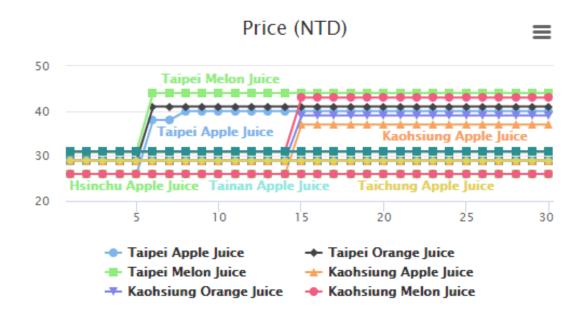


• BI can help to be used in Descriptive, Diagnostic, and Prescriptive Business Data analytics level



Practicing measurement case

Purpose	What if /Hypothesis/Issue	Relevant Data	Data which be measured (BI)	Answer and Action
Descriptive	Relation of Price, COGS and Margin	Selling PriceRevenueAverage COGSPurchased amount		Changing selling price will effect to gross margin





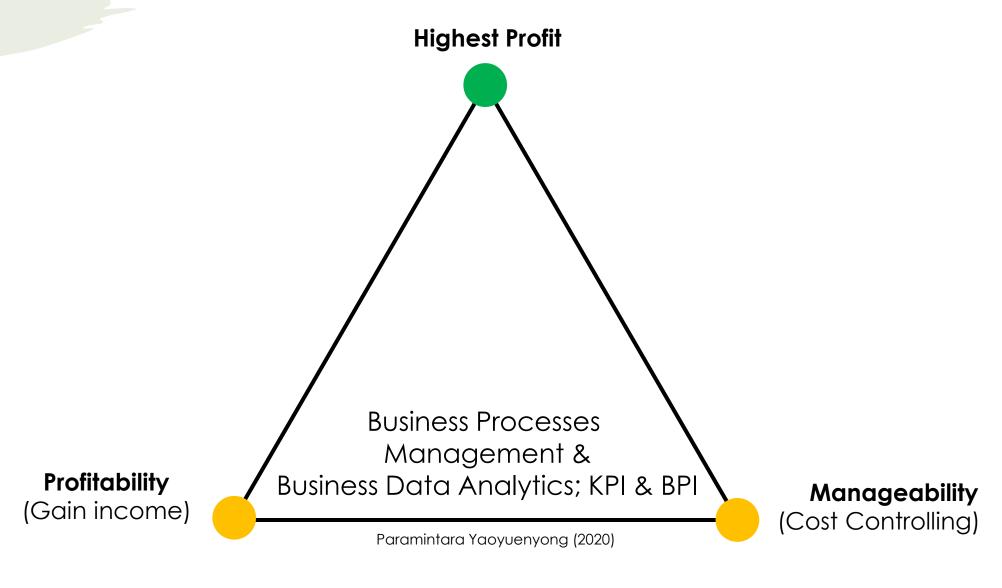


Understanding MonsoonSIM KPIs

(Metric level)

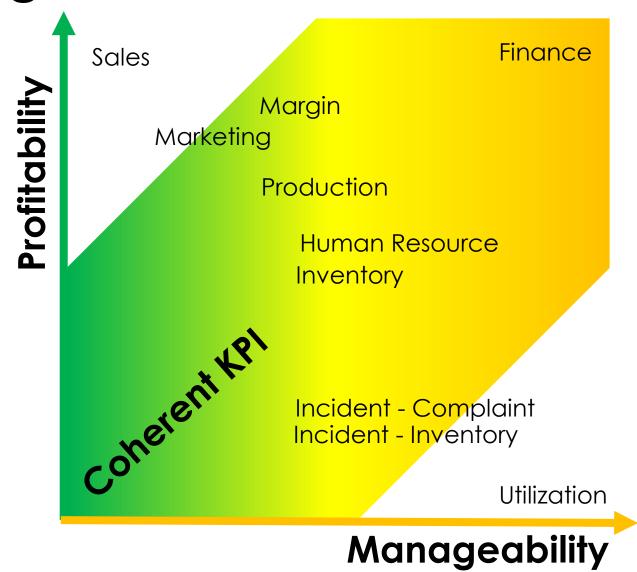


Fundamental Concept





Grouping MonsoonSIM KPIs





General





Sales (revenue value in \$)

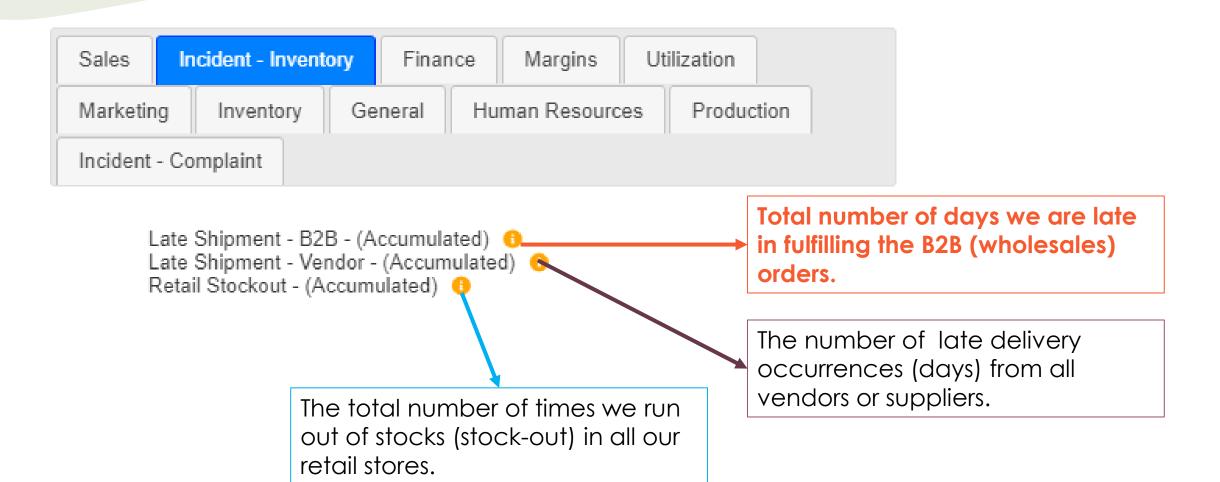
Each Market Sales Revenue



```
Retail Sales - (Accumulated) (1)
Sales E Commerce - (Accumulated) (1)
Sales Revenue - (Accumulated) (1)
Sales Services - (Accumulated) (1)
Sales Wholesales - (Accumulated) (1)
```



Incident - Inventory





Finance



Current Ratio = Total Current Assets / Total Current Liabilities

Debt to asset ratio = Total liabilities / Total assets

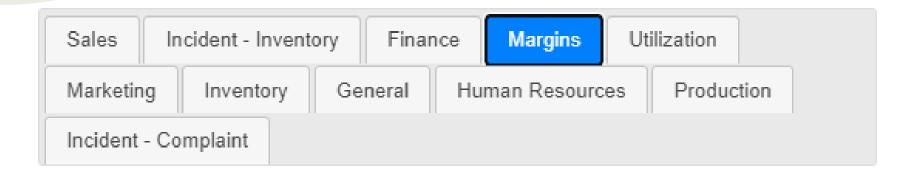
Debt Equity Ratio = Total Liabilities / Total Shareholders' Equity

Intangible Assets outlines the accounting requirements for intangible assets, which are non-monetary assets which are without physical substance and identifiable (either being separable or arising from contractual or other legal rights).

Operating ratio = (Operating Expense + Cost Cash On Hand - (Accumulated) 69 of Goods Sold) / Sales Revenue Current Ratio - (Accumulated) 6 Debt to Asset Ratio - (Accumulated) 6 Debt to Equity Ratio - (Accumulated) 1 Intangible - Development Asset - (Accumulated) Net Profit - (Accumulated) 1 Operating Expense - (Accumulated) Operating Ratio - (Accumulated) Other Income (Loss) - (Accumulated) 6 Overdraft - (Accumulated) 6 **ROA** = Net Income / Total Assets Overflow - Retail - (Accumulated) 0 Overflow - Warehouse - (Accumulated) 6 Penalty in B2B or Service - (Accumulated) Return on Equity = Net Income / Shareholder's Return on Asset - (Accumulated) 65 equity (%) Return on Equity - (Accumulated) 4 Trading Profit - (Accumulated) 6



Margins



Gross Profit Margin - (Accumulated) • Profit Margin = Total Net Profit / Total Sales



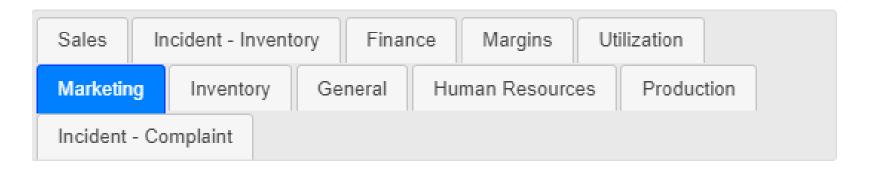
Utilization



Average OEE - (Accumulated)
Space utilization - (Accumulated)
Utilization - Machine Capacity - (Accumulated)



Marketing



```
Market Share - Sales - All - (Accumulated) (1)
Market Share - Sales - B2B - (Accumulated) (1)
Market Share - Sales - E Commerce - (Accumulated) (1)
Market Share - Sales - Retail - (Accumulated) (1)
Market Share - Sales - Services - (Accumulated) (1)
Market Share - Unit Sold - All - (Accumulated) (1)
Market Share - Unit Sold - B2B - (Accumulated) (1)
Market Share - Unit Sold - Retail - (Accumulated) (1)
```



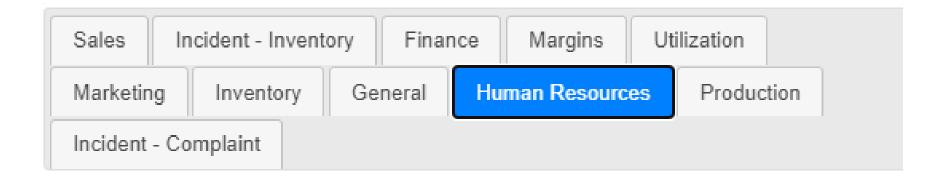
Inventory



Day Sales in Inventory - (Average) 1 the average time in days that a company takes to turn its inventory



Human Resources



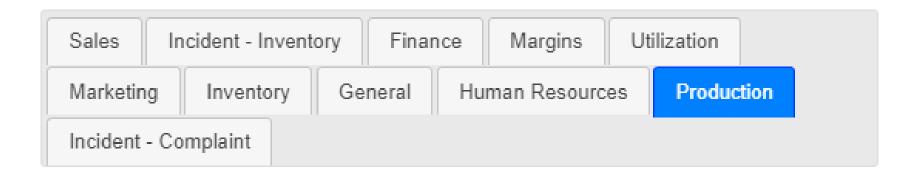
Staff Resigned - (Accumulated) 1 The total number of staff resigned. Staff turnover ratio - (Accumulated) 1

Employee Turnover Ratio =

Total number of staff resigned / Total average number of staff



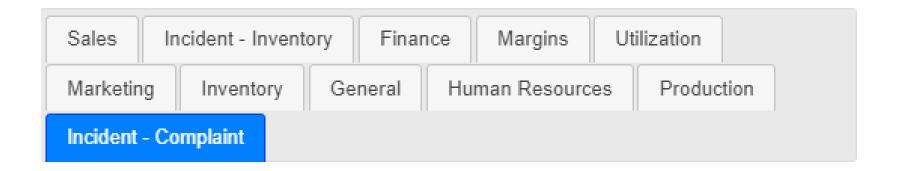
Production



Production - (Accumulated) • The total units of finished goods produced in-house.



Complaint



Complaint - (Accumulated) 6