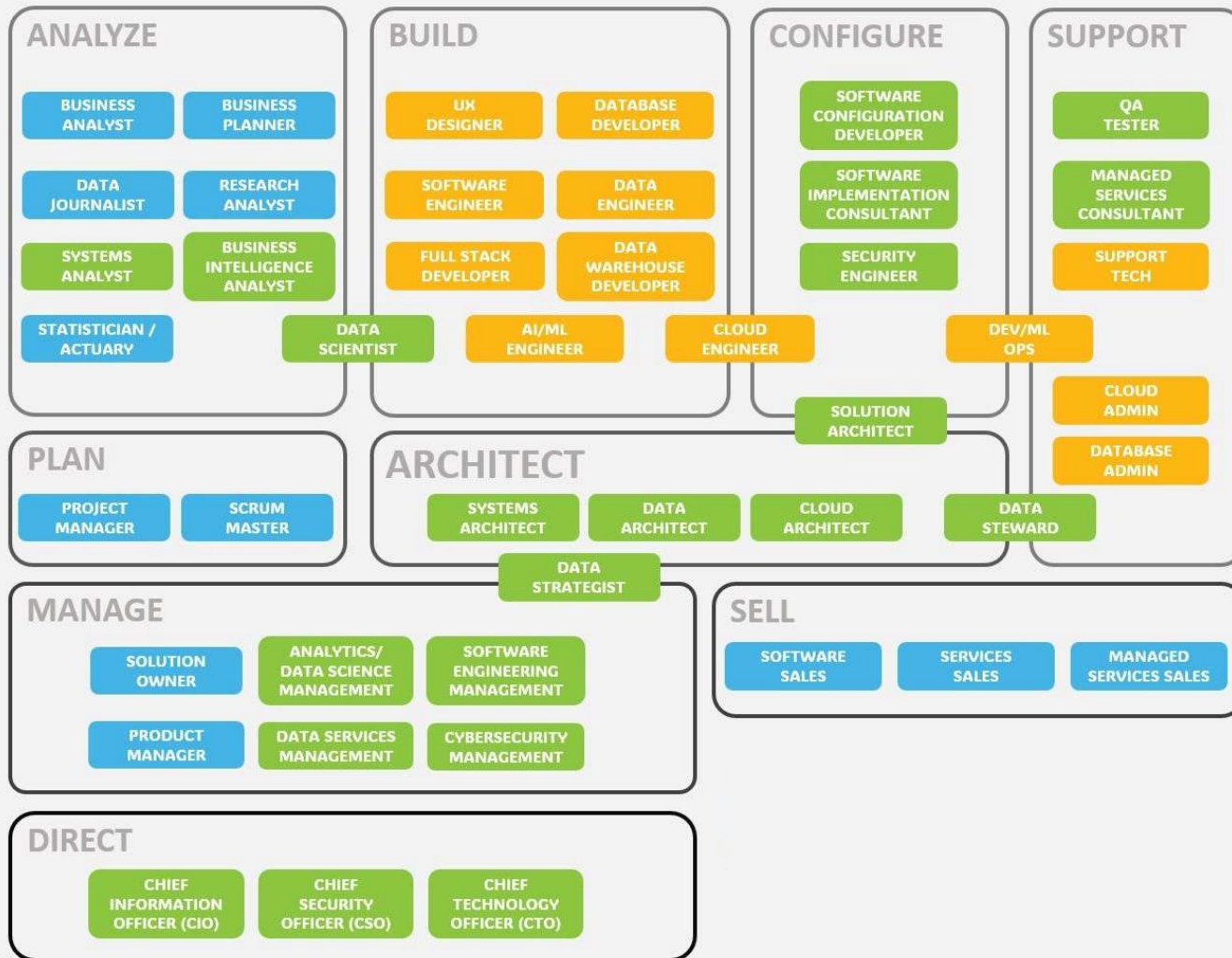


Business Intelligence

Triastana Anang



DATA CAREER LANDSCAPE



“Where do you see yourself in 10 years?”

LEGEND

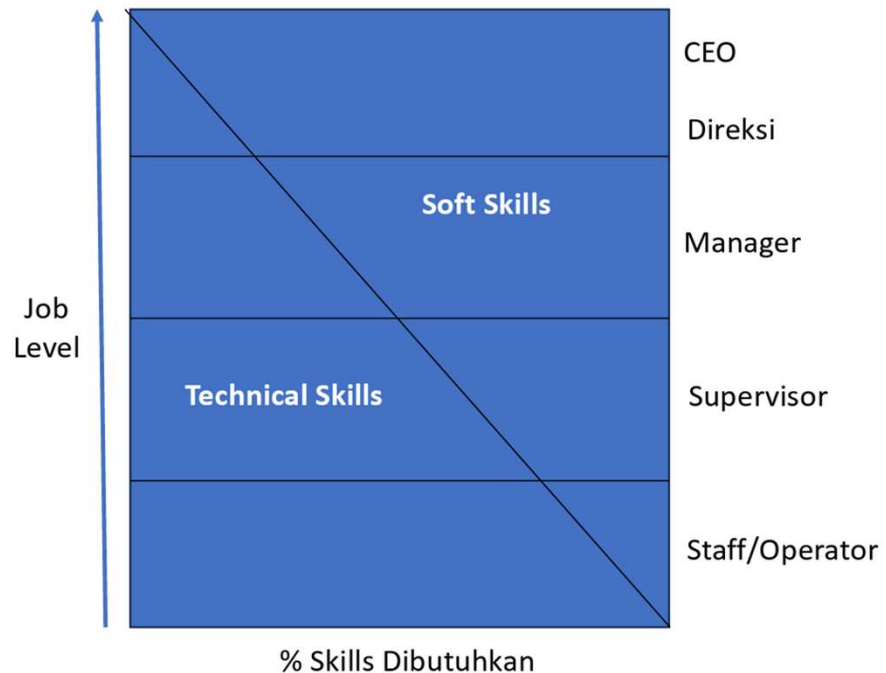
BUSINESS ORIENTED

HYBRID ROLE

TECHNOLOGY ORIENTED

Knowledge & Skills (COMPETENCE)

- Setiap level pekerjaan membutuhkan kompetensi yang berbeda
- Dua kelompok skills: Teknis dan non teknis
- Semakin tinggi level pekerjaan, semakin banyak pengetahuan dan skills yang non teknis



DATA ENGINEER (ETL / EXCEL)

1. a. Jelaskan Logika untuk mengambil kode Artikel dari data dibawah

11040091 ORTUSEIGHT HYPERBLAST 2.0 - GREY/LIME

- b. Jelaskan logika untuk mengelompokkan data

	A	B	C	D	E	F
1	Team	Age	Points		Age Range	Sum of Points
2	Mavs	21	15		20-24	117
3	Spurs	24	18		25-29	51
4	Rockets	24	40		30-34	48
5	Kings	26	23		Grand Total	216
6	Warriors	28	28			
7	Nets	32	25			
8	Lakers	24	19			
9	Thunder	34	12			
10	Blazers	33	11			
11	Jazz	20	25			
12						
13						
14						
15						

DATA ENGINEER (SQL)

1. SEBUTKAN CLIENT APA SAJA YANG BISA DIGUNAKAN UNTUK KONEKSI DENGAN DATABASE MYSQL?

2.

Customer Detail Table

	customer_id	first_name	last_name	amount	order_date	category	gender
1	110	Ajeet	Mishra	2000	2022-10-18 16:10:30.000	Cosmetics	male
2	111	Rana	shama	5000	2000-11-11 12:19:26.000	Clothing	male
3	112	Divya	Khatri	3000	2021-10-05 17:30:56.000	Cosmetics	female
4	113	Vikas	Kohli	1500	2019-05-07 01:12:23.000	Clothing	Male
5	114	Rimi	Kumari	8000	2010-02-14 10:35:45.000	Jewellery	female

Product Detail Table

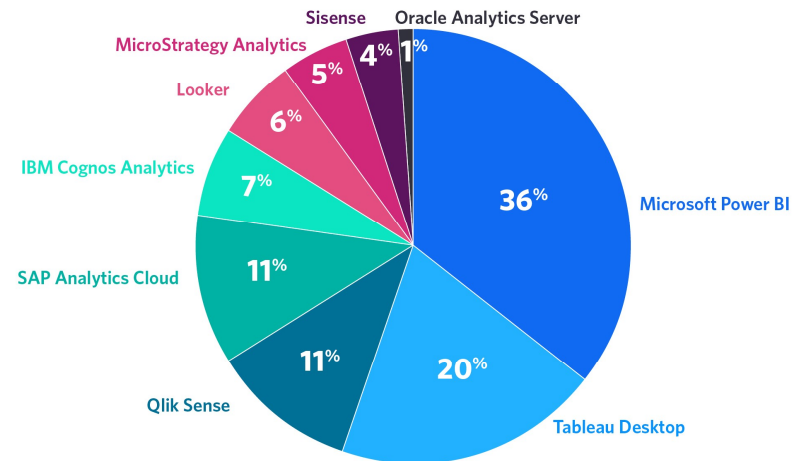
	Product_id	customer_id	Product_name
1	1001	112	Skin Gel
2	1002	110	Face cleanser
3	1003	114	Earrings
4	1004	112	Headphone
5	1008	111	Jeans

```
SELECT c.first_name, p.product_name FROM [Customer] c  
LEFT JOIN [Product] p ON c.customer_id = p.customer_id  
WHERE product_id is null
```

BUSINESS INTELLIGENT (Software)

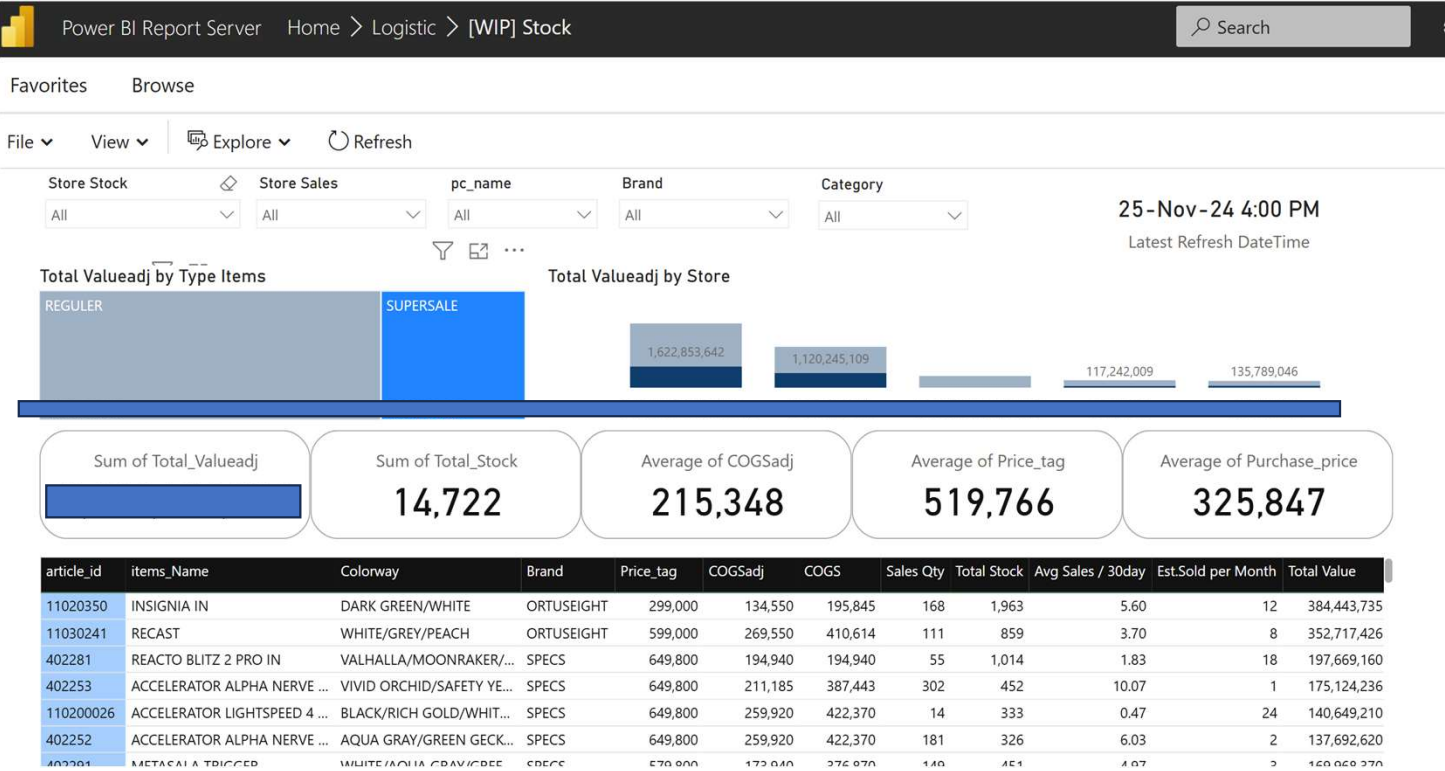


Market Share of Top Business Intelligence Software in 2021

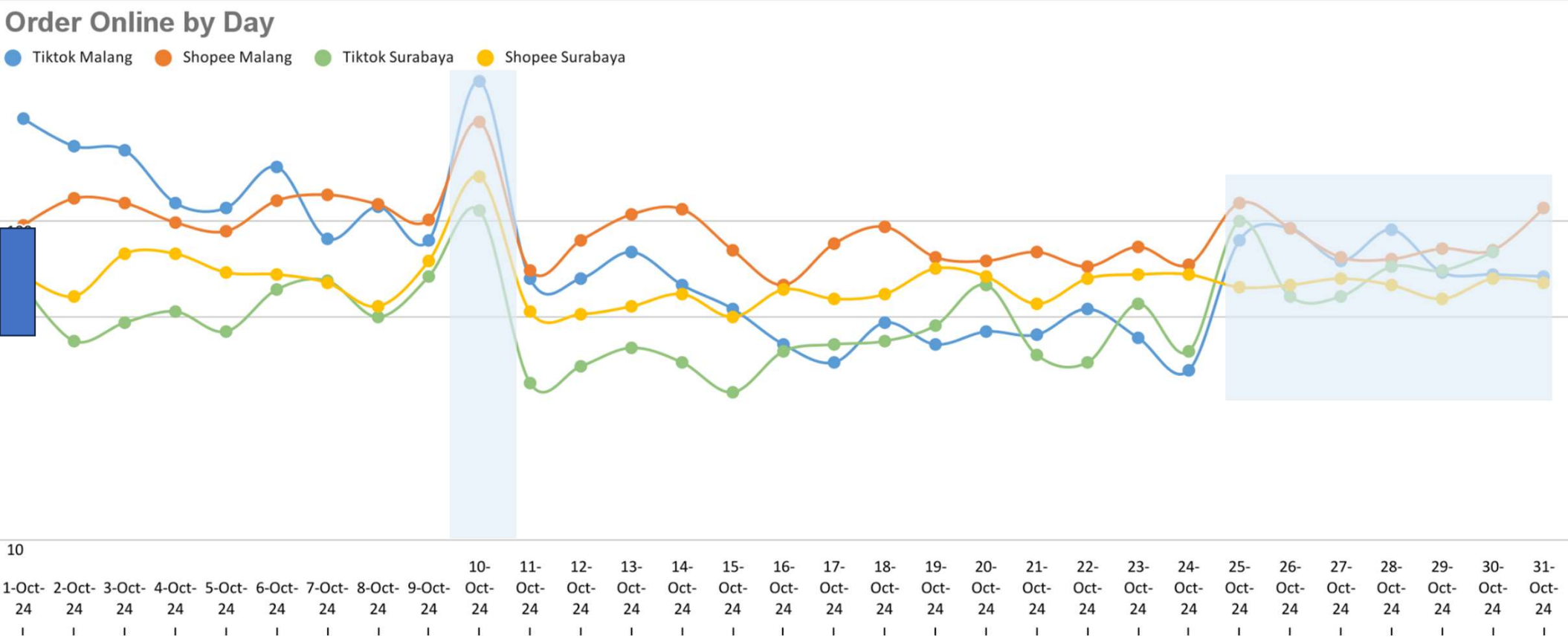


Source: TrustRadius platform data collected in June 2021

BUSINESS INTELLIGENT (DASHBOARD & REPORT)



BUSINESS ANALYST (case study)



BUSINESS ANALYST (case study)

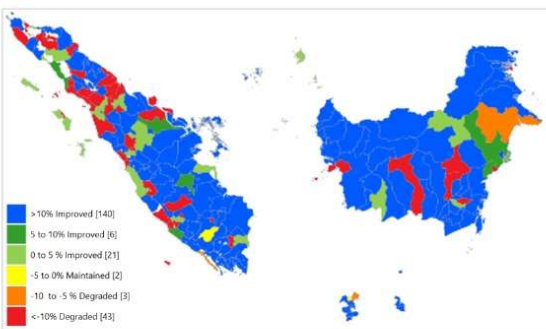
Delta Percentage Aug 2023 Vs Aug 2024 Kabupaten showing Improved & Degrade



VAP



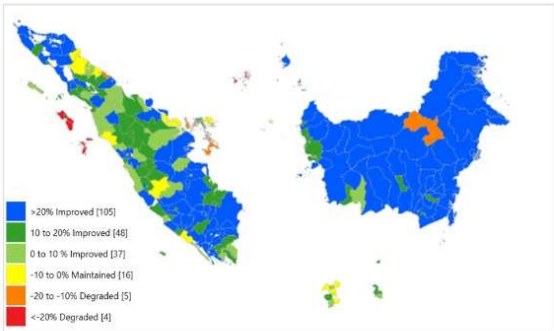
Interaction



Interaction

Region	<-10% Degraded	-10 to -5% Degraded	-5 to 0% Maintained	Grand Total
KALIMANTAN	4		4	8
NORTHERN SUMATERA	6			6
SOUTHERN SUMATERA	3	1		4
Grand Total	13	5		18

OSS Traffic



Video Streaming Throughput



OSS Traffic

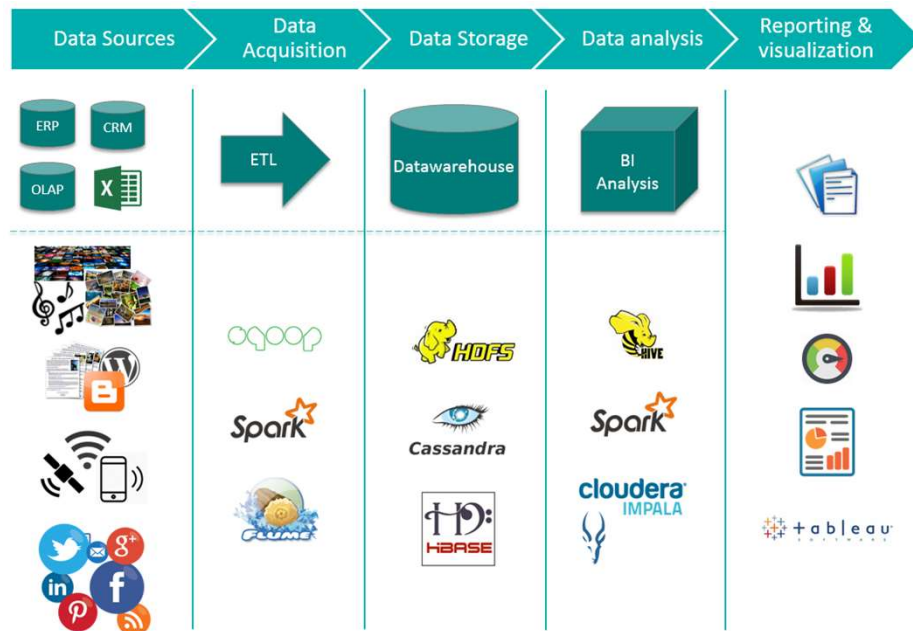
Region	<-20% Degraded	-20 to -10% Degraded	-10 to 0% Maintained	Grand Total
CENTRAL JAVA			4	4
CENTRAL SUMATERA	1	2	5	8
KALIMANTAN		1		1
NORTHERN SUMATERA	3	2	5	10
SOUTHERN SUMATERA			2	2
Grand Total	4	5	16	25

Video Streaming Throughput

Region	<-10% Degraded	-10 to -5% Degraded	-5 to 0% Maintained	Grand Total
CENTRAL SUMATERA			1	1
KALIMANTAN	1	1	8	10
NORTHERN SUMATERA	2	6	6	14
SOUTHERN SUMATERA	2		1	3
Grand Total	5	7	16	28

OTHERS

- Architect



- Project Manager

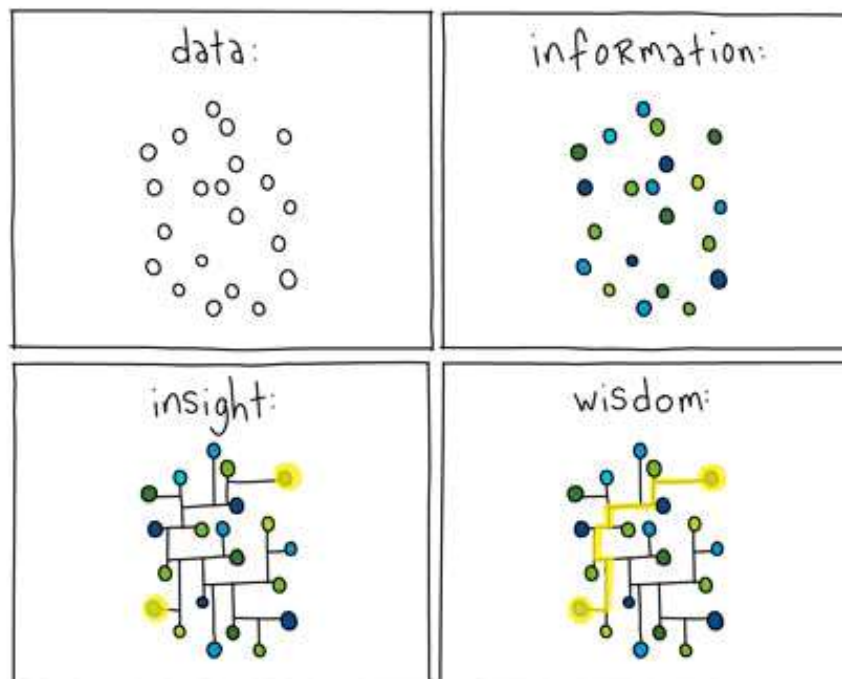


OTHERS

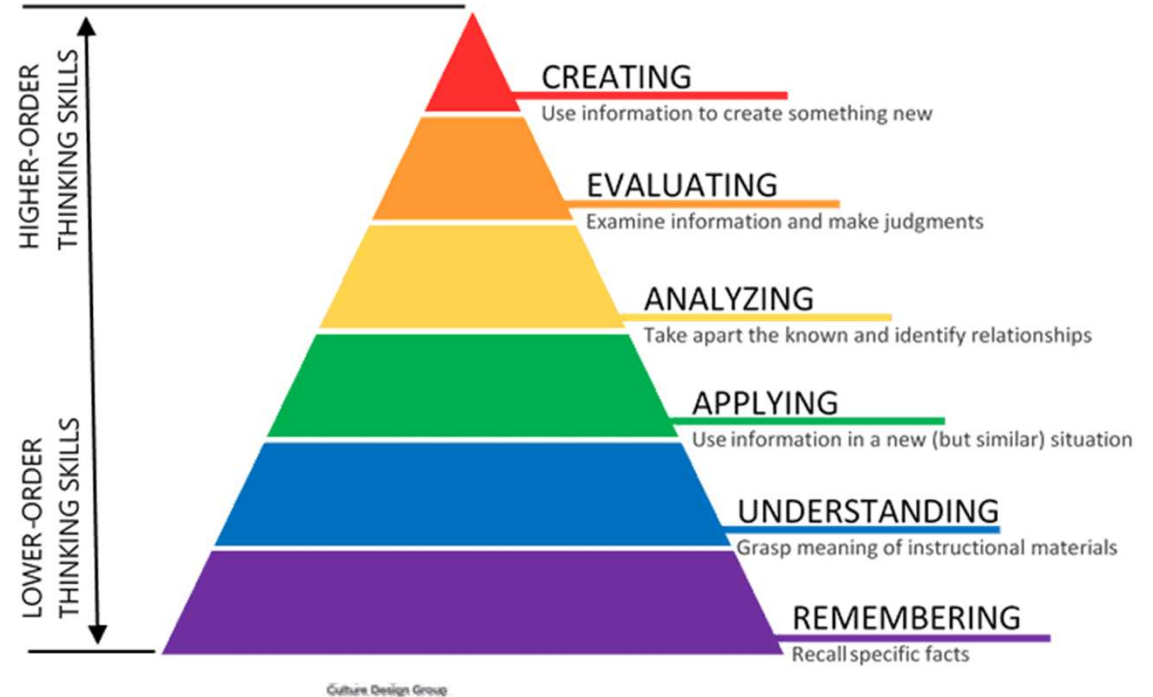
- Sales Person



SKILL UPGRADE



BLOOM'S TAXONOMY – COGNITIVE DOMAIN (2001)



Learning Trap Ketika kita merasa menguasai ilmu hanya dengan membaca & memahami

“Information is the oil of the 21st century, and analytics is the combustion engine.”

Peter Sondergaard

Senior Vice President and Global Head
of Research at Gartner, Inc.



THANK YOU
