

SAS Hackathon

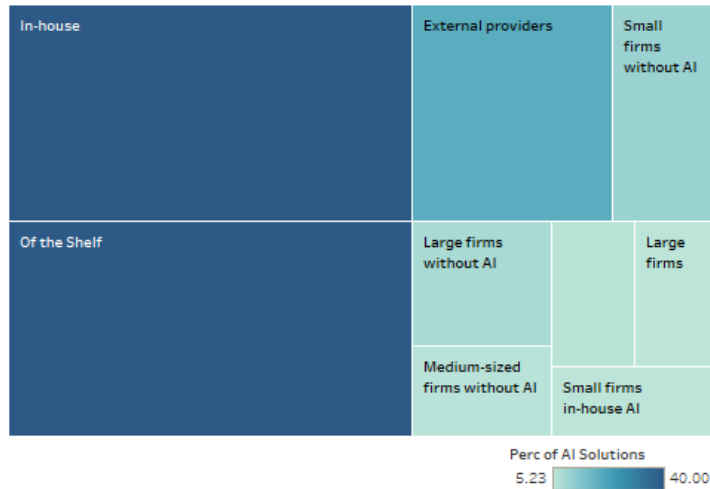
IoT Track

KlinterAI, Observability in the Construction
Foundation Industry

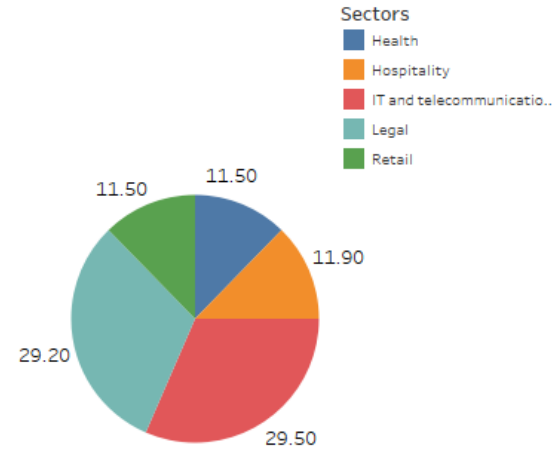
Aswin Vijayakumar

MARKET RESEARCH

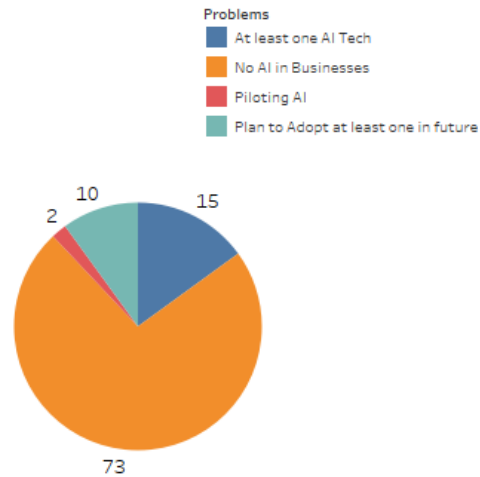
Treemap



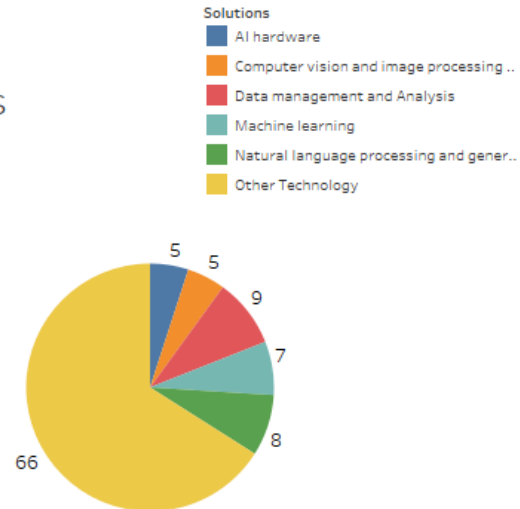
Sectors



AI Problem



AI Solutions



ENVIRONMENTAL (OIL LEAKAGE)

ANCILLARY EQUIPMENT

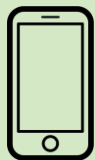
ANCILLARY FORMS

Equipment ID

Purpose

Type of Incident

Photograph(s)



PRIVATE & SECURE DATA EXCHANGE

ANCILLARY EQUIPMENT

Depth Vision Sensor

EPC Number

Manufacturer

Time of Purchase

Maintenance Cycle

GTIN Number



<https://klinterai.carrd.co/>

Manual Code Access
to Machinery

LABOUR & CONTRACT POS

PUNCH LISTS

DAILY REPORT

Scheduled Walks

Inspection Completed

Issues

Responsibility

Photograph(s)

Hazard / Safety

Material Movement

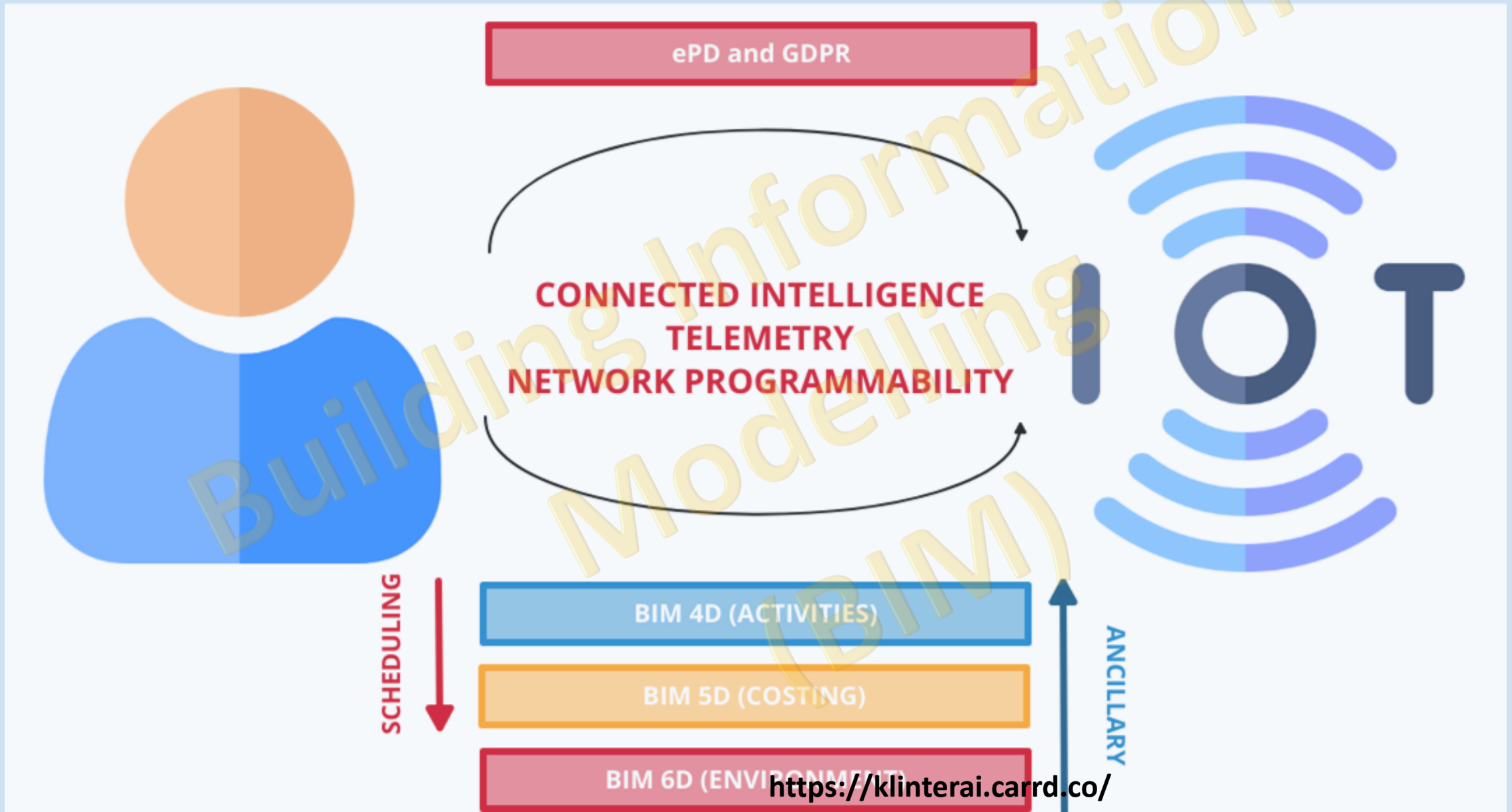
Foreman

CONSTRUCTION PROJECT SCHEDULING (GANTT CHART)



Sl. No.	NameFromActivity	Object 1	Time Stamp	RandomNumber	SNMP Token	UF Num	Title of Activity	MF Num
1	Earthmoving	Excavator	04/12/2022 12:23	89	bfa14955daca93db2acc6116543d4fa46c7a22b5	G1070	Site Earthwork	31 20 00
2	Earthmoving	Dump Truck	05/12/2022 12:23	81	1c58a446a63e719d7b90156a8998ccc461609ed7	G1070	Site Earthwork	31 20 00
3	Undefined	Person with PPE	06/12/2022 12:23	13	e868a7f71518c30388f725182ee85510c18f306e	G1070	Site Earthwork	31 20 00
4	Earthmoving		07/12/2022 12:23	68	3a02579c191f8558e3fedec867419cb15398b26	G1070	Site Earthwork	31 20 00
5	Earthmoving	Excavator	08/12/2022 12:23	26	5206feb99a349f32b0edf724d9cd1cd9333ebad	G1070	Site Earthwork	31 20 00
6	Earthmoving	Excavator	09/12/2022 12:23	54	a1e4f0b333cb5950624a09c8991401df8c68830e	G1070	Site Earthwork	31 20 00
7		Excavator	10/12/2022 12:23	68	e3579b1e47f273529f0f929453e939a68ede9fd1	G1070	Site Earthwork	31 20 00
8	Earthmoving	Excavator	11/12/2022 12:23	15		G1070	Site Earthwork	31 20 00

BIM 4D – BIM 5D – BIM 6D



QUESTIONS

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