

Background

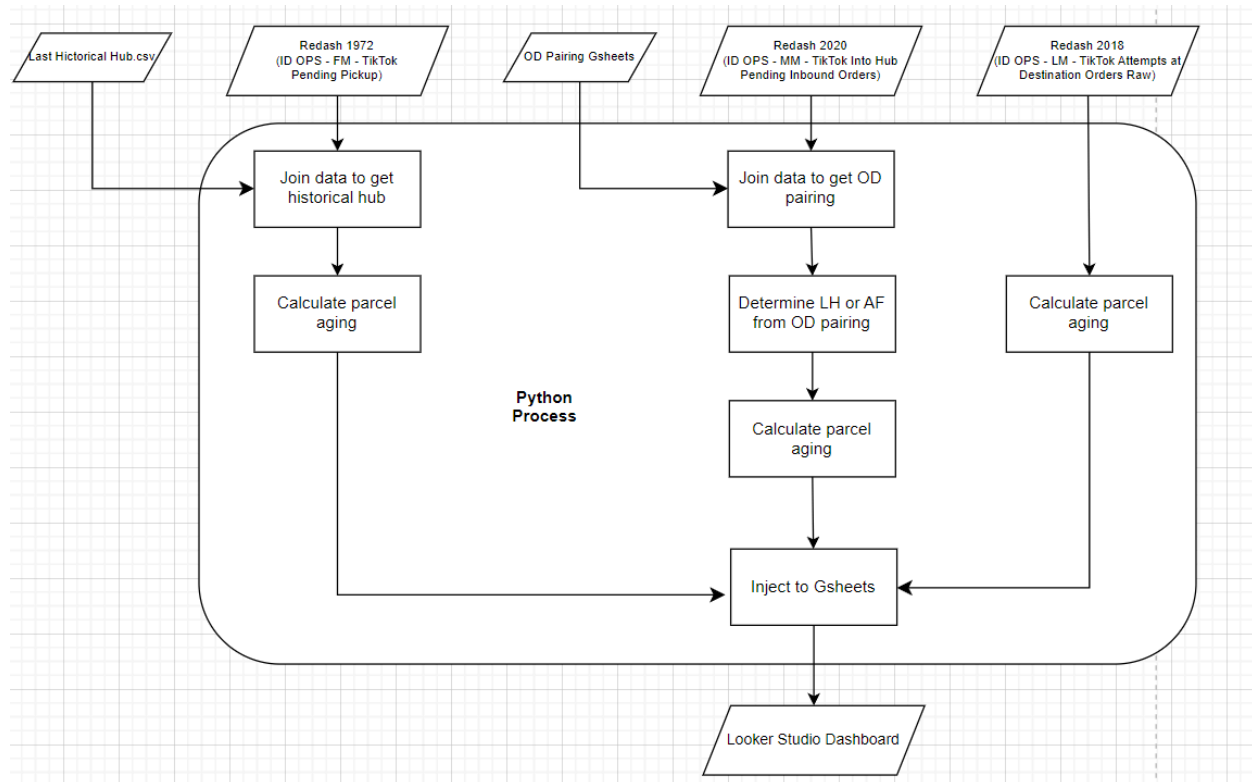
FM, LM, and MM ground teams have no platform which can provide fast and accurate data for tiktok parcel journey monitoring, currently they rely on daily reports sent via email. A semi real time data is needed so each fm,lm,and mm team can focus on parcels which have a high aging / experiencing backlog so that they can push it out as soon as possible.

Detailed Parameter

Each FM, LM, and MM team has different requests regarding parameters which they want to monitor in the semi live dashboard.

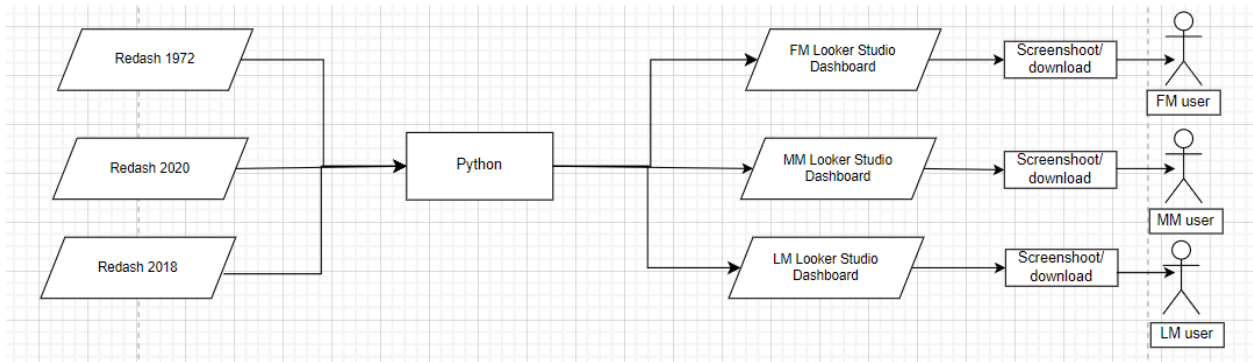
FM	<ul style="list-style-type: none">-Number of pending pickup orders aging-Number of pending PU order by region and their aging-Number of pending PU order by origin HUB-Number of pending PU order by Shipper Name
MM	<ul style="list-style-type: none">-Aging from Into Hub - Inbound (airfreight and linehaul)-IH-IB by destination region (airfreight and linehaul)-IH-IB by destination Hub (airfreight and linehaul)
LM	<ul style="list-style-type: none">-Number of parcels arrived at dest hub, on hold, on vehicle for delivery-Aging of parcels arrived at dest hub, on hold, on vehicle for delivery-0 attempt and attempted orders count-AASH orders by region

Data Processing Flow



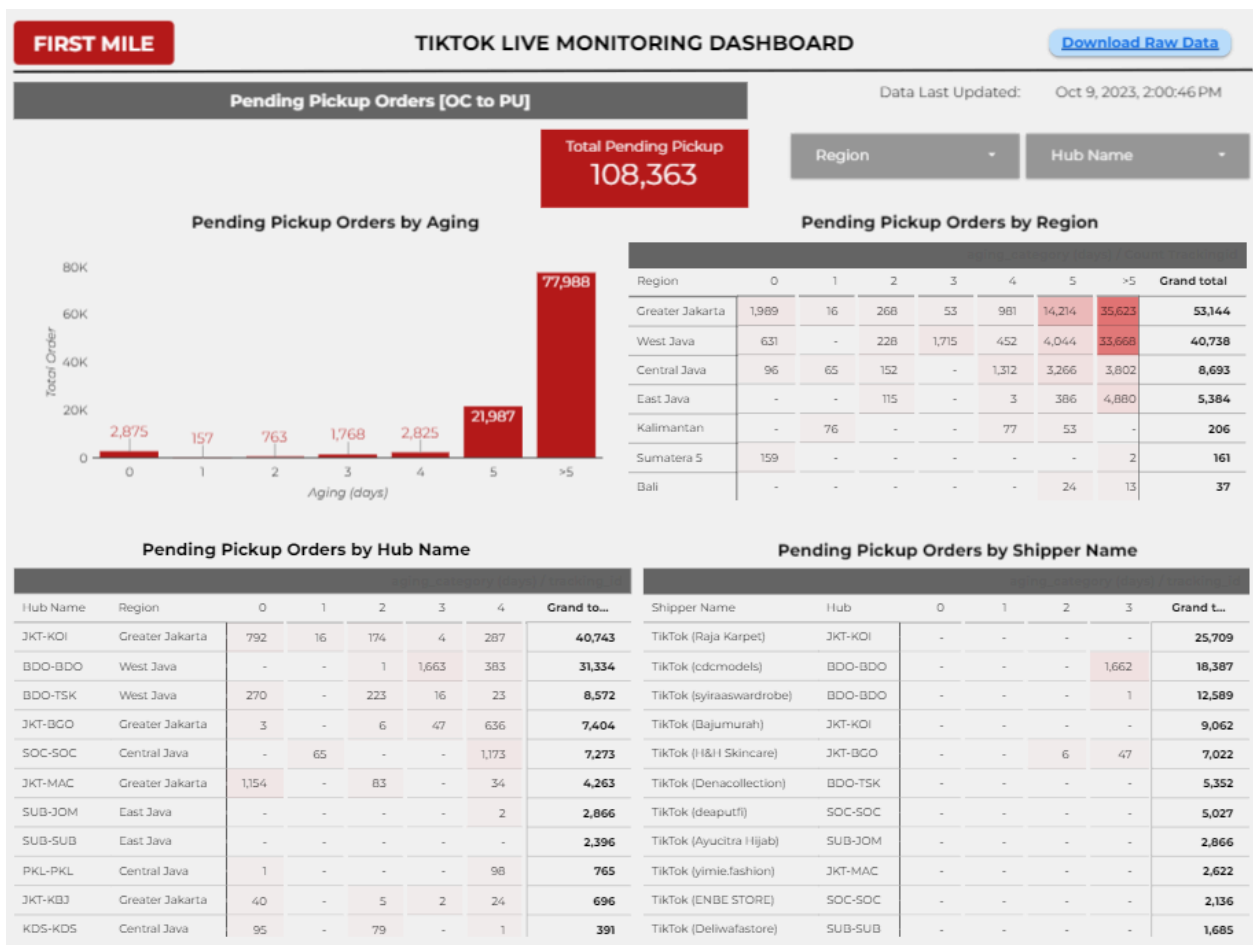
The data source is divided into 3 redash query each fetching FM, LM, and MM data. There is also additional data source in a form of csv and g sheets file which are last historical hub and OD pairing sheets. Last historical hub file is used to get corresponding hub for pending pickup FM data because pending pickup orders has no hub information on redash, OD pairing is used to determine Airfreight and Linehaul data for MM. Each data will then go through aging calculation process and split into 5 aging categories, 0 day, 1 days, 2 days, 3 days, 4 days and >5 days. Once done those data will be injected to 1 gsheets but divided into 3 different sheets based on FM, MM, and LM data. Each of those sheet will then connected to looker studio dashboard which consists of 3 pages. 1st page is for FM dashboard, 2nd page is for MM dashboard and 3rd page is for LM dashboard.

Use Case



With this live dashboard all the users need to do is access the dashboard from <https://lookerstudio.google.com/reporting/fe9297db-5cae-48c8-9b2a-ab3e1ea6a302> and screenshots to make reports or click the “download raw data” button in the dashboard for further details.

Dashboard Interface



Destination Region ▾

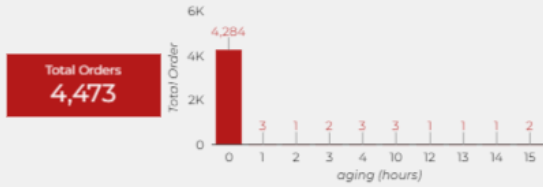
Destination Hub ▾

Data Last Updated: Oct 9, 2023, 2:04:07 PM

LINEHAUL

Into Hub Pending Inbound Orders [IH to IB]

Into Hub - Inbound Hub Aging (Hours)



IH to IB Aging by Dest Shipment Region

aging_category (hours) / Total Orders						
Dest. Region	A(0-3)	B(3-6)	C(6-12)	D(12-24)	E(>24)	Grand total
Greater Jakarta	4,074	-	-	3	6	4,083
Sumatera 5	207	2	-	-	-	209
East Java	-	-	4	2	157	163
Central Java	1	1	-	1	6	9

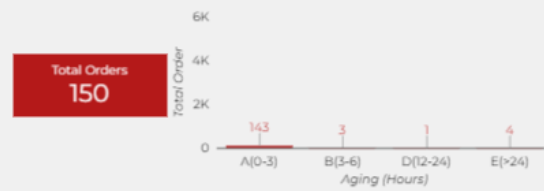
IH to IB Aging by Dest Shipment Hub

aging_category (hours) / Total Orders						
Dest. Hub	A(0-3)	B(3-6)	C(6-12)	D(12-24)	E(>24)	Grand total
JKT-MAC	4,072	-	-	1	4	4,077
TKG-TKG	207	-	-	-	-	207
SUB-SUB	-	-	1	-	156	157
SUB-BWX	-	-	3	1	1	5
JKT-KOI	2	-	-	1	2	5
SRG-SRG	1	-	-	1	2	4
BTJ-BTJ	3	-	-	-	-	3

AIRFREIGHT

Into Hub Pending Inbound Orders [IH to IB]

Into Hub - Inbound Hub Aging (Hours)



IH to IB Aging by Dest Shipment Region

aging_category (hours) / Total Orders					
Dest. Region	A(0-3)	B(3-6)	D(12-24)	E(>24)	Grand total
Greater Jakarta	63	2	-	-	65
Sumatera 4	44	-	-	1	44
Sumatera 1	20	-	-	-	20
Sulawesi	13	-	-	-	13

IH to IB Aging by Dest Shipment Hub

aging_category (hours) / Total Orders						
Dest. Hub	A(0-3)	B(3-6)	C(6-12)	D(12-24)	E(>24)	Grand total
JKT-MAC	4,072	-	-	1	4	4,077
TKG-TKG	207	-	-	-	-	207
SUB-SUB	-	-	1	-	156	157
SUB-BWX	-	-	3	1	1	5
JKT-KOI	2	-	-	1	2	5
SRG-SRG	1	-	-	1	2	4
BTJ-BTJ	3	-	-	-	-	3

LAST MILE

TIKTOK LIVE MONITORING DASHBOARD

[Download Raw Data](#)

Data Last Updated: Oct 9, 2023, 2:07:41 PM

Arrived at Destination Hub - On Vehicle for Delivery - On Hold

Total Orders 13,486	Arrived at Sorting Hub 7,535	On Vehicle for Delivery 5,073	On Hold 878
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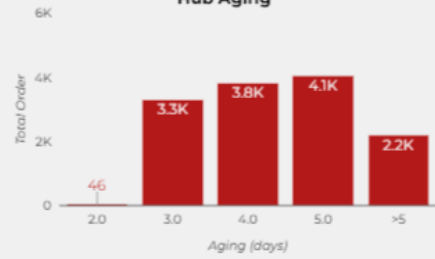
0 Attempts Orders

Total Orders 5,846	Arrived at Sorting Hub 2,606	On Vehicle for Delivery 2,651	On Hold 589
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Attempted Orders

Total Orders 7,640	Arrived at Sorting Hub 4,929	On Vehicle for Delivery 2,422	On Hold 289
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Total AASH, OVFD, & On Hold Orders at Dest. Hub Aging



Arrived at Destination Hub Orders by Region

Notes: Untuk breakdown by region, apabila angka persentase order kurang terlihat jelas, silakan mengarahkan cursor mouse pada grafik untuk melihat detail performance

