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# microservice\_twitch\_user\_listing

## Create

create table {schemaprefix}.microservice\_twitch\_user\_listing

(

MinDate datetime not null,

MaxDate datetime not null,

AggregationType int not null,

ChannelID bigint not null,

Login varchar(50) null,

CCUTier varchar(50) null,

LastBroadcastDate datetime null,

UserType varchar(20) not null,

UserTypeChanged boolean not null,

MaxCCU int not null,

AverageCCU float not null,

MinutesWatchedTotal bigint not null,

ChannelConcurrentsMinutesWatchedTotal bigint not null,

MinutesBroadcastTotal bigint not null,

ChannelConcurrentsMinutesBroadcastTotal bigint not null,

UniqueDaysBroadcast int not null,

FollowerCountTotal int not null,

FollowerCountChangeTotal int not null,

ChatMessagesTotal bigint not null,

SubsSoldTotal int not null,

SubsSoldPrimeTotal int not null,

SubsSoldTier1Total int not null,

SubsSoldTier2Total int not null,

SubsSoldTier3Total int not null,

CreatorSubRevenueTotal float not null,

CreatorPrimeSubRevenueTotal float not null,

CreatorAdRevenueTotal float not null,

CreatorBitsRevenueTotal float not null,

CreatorFuelRevenueTotal float not null,

CreatorBountyBoardRevenueTotal float not null,

CreatorRevenueTotal float not null,

VideoPlaysTotal bigint not null,

PrimaryBroadcastLanguage varchar(5) null,

PrimaryBroadcastCountry varchar(5) null,

TopGameBroadcast varchar(50)

) distkey(AggregationType) sortkey (ChannelID);

## Populate

with selection as

(

select

channel\_id as ChannelID,

max(day) as maxdate,

sum(case when is\_affiliate = true then 1 else 0 end) as DaysAffiliateCount,

sum(case when is\_partner = true then 1 else 0 end) as DaysPartneredCount,

sum(case when isnull(minutes\_broadcast, 0) > 0 then 1 else 0 end) as UniqueDaysBroadcastTotal,

sum(isnull(minutes\_watched\_total, 0)) as MinutesWatchedTotal,

sum(isnull(ccu\_minutes\_watched, 0)) as ChannelConcurrentMinutesWatchedTotal,

sum(isnull(minutes\_broadcast, 0)) as MinutesBroadcastTotal,

sum(isnull(ccu\_minutes\_broadcast, 0)) as ChannelConcurrentsMinutesBroadcastTotal,

sum(isnull(change\_in\_total\_follower\_count, 0)) as FollowerCountChangeTotal,

sum(isnull(subs\_sold\_total, 0)) as SubsSoldTotal,

sum(isnull(subs\_sold\_prime, 0)) as PrimeSubsSoldTotal,

sum(isnull(subs\_sold\_499\_total, 0)) as SubsSoldTier1Total,

sum(isnull(subs\_sold\_999\_total, 0)) as SubsSoldTier2Total,

sum(isnull(subs\_sold\_2499\_total, 0)) as SubsSoldTier3Total,

sum(isnull(creator\_ad\_revenue, 0.0)) as CreatorAdRevenueTotal,

sum(isnull(creator\_sub\_revenue\_total, 0.0)) as CreatorSubRevenueTotal,

sum(isnull(creator\_sub\_revenue\_prime, 0.0)) as CreatorPrimeSubRevenueTotal,

sum(isnull(creator\_bits\_revenue, 0.0)) as CreatorBitsRevenueTotal,

sum(isnull(creator\_fuel\_revenue, 0.0)) as CreatorFuelRevenueTotal,

sum(isnull(creator\_bounty\_board\_revenue, 0.0)) as CreatorBountyBoardRevenueTotal,

sum(isnull(video\_plays\_total, 0)) as VideoPlaysTotal,

sum(isnull(chat\_messages\_sent, 0)) as ChatMessagesTotal,

sum(

isnull(creator\_ad\_revenue, 0.0)

+ isnull(creator\_sub\_revenue\_total, 0.0)

+ isnull(creator\_sub\_revenue\_prime, 0.0)

+ isnull(creator\_bits\_revenue, 0.0)

+ isnull(creator\_fuel\_revenue, 0.0)

+ isnull(creator\_bounty\_board\_revenue, 0.0)

) as CreatorRevenueTotal

from tahoe\_analysis.affiliates\_partners\_daily\_channel\_summary

where

day >= @mindate

and day < @maxdate

and isnull(channel\_id, 0) > 0

group by channel\_id

having sum(

isnull(creator\_ad\_revenue, 0.0)

+ isnull(creator\_sub\_revenue\_total, 0.0)

+ isnull(creator\_sub\_revenue\_prime, 0.0)

+ isnull(creator\_bits\_revenue, 0.0)

+ isnull(creator\_fuel\_revenue, 0.0)

+ isnull(creator\_bounty\_board\_revenue, 0.0)

) >= @minimumDollarThreshold

), metadata as

(

select

a.channel\_id as ChannelID,

isnull(channel, '') as Login,

isnull(primary\_broadcast\_language{aggregateSnippet}, '') as PrimaryBroadcastLanguage,

isnull(primary\_broadcast\_country{aggregateSnippet}, '') as PrimaryBroadcastCountry,

isnull(total\_follower\_count, 0) as FollowerCountTotal,

isnull(ccu\_tier{aggregateSnippet}, '') as CCUTier,

isnull(max\_ccu{aggregateSnippet}, 0) as MaxCCUTotal,

isnull(avg\_ccu{aggregateSnippet}, 0.0) as AverageCCUTotal,

isnull(top\_game\_broadcast, '') as TopGameBroadcast

from tahoe\_analysis.affiliates\_partners\_daily\_channel\_summary as a

inner join selection as b

on a.channel\_id = b.ChannelID

and b.maxdate = a.day

where

day >= @mindate

and day < @maxdate

)

, last\_broadcast as

(

select

a.channel\_id as ChannelID,

max(date) as LastBroadcastDate

from tahoe.minute\_broadcast as a

inner join selection as b

on a.channel\_id = b.ChannelID

group by

a.channel\_id

)

select

cast(@mindate as datetime) as MinDate,

cast(@maxdate as datetime) as MaxDate,

cast(@aggregationType as int) as AggregationType,

cast(a.ChannelID as bigint) as ChannelID,

isnull(b.Login, '') as Login,

isnull(b.CCUTier, '') as CCUTier,

cast(isnull(c.LastBroadcastDate, '1900-01-01') as datetime) as LastBroadcastDate,

case

when a.DaysPartneredCount > 0 then 'partner'

when a.DaysAffiliateCount > 0 then 'affiliate'

else ''

end as UserType,

cast(case

when a.DaysPartneredCount <> a.DaysAffiliateCount and a.DaysAffiliateCount > 0 and a.DaysPartneredCount > 0 then true

else false

end as boolean) as UserTypeChanged,

cast(isnull(b.MaxCCUTotal, 0) as int) as MaxCCUTotal,

cast(isnull(b.AverageCCUTotal, 0.0) as float) as AverageCCUTotal,

cast(a.MinutesWatchedTotal as bigint) as MinutesWatchedTotal,

cast(a.ChannelConcurrentMinutesWatchedTotal as bigint) as ChannelConcurrentMinutesWatchedTotal,

cast(a.MinutesBroadcastTotal as bigint) as MinutesBroadcastTotal,

cast(a.ChannelConcurrentsMinutesBroadcastTotal as bigint) as ChannelConcurrentsMinutesBroadcastTotal,

cast(a.UniqueDaysBroadcastTotal as int) as UniqueDaysBroadcastTotal,

cast(isnull(b.FollowerCountTotal, 0) as int) as FollowerCountTotal,

cast(a.FollowerCountChangeTotal as int) as FollowerCountChangeTotal,

cast(a.ChatMessagesTotal as int) as ChatMessagesTotal,

cast(a.SubsSoldTotal as int) as SubsSoldTotal,

cast(a.PrimeSubsSoldTotal as int) as PrimeSubsSoldTotal,

cast(a.SubsSoldTier1Total as int) as SubsSoldTier1Total,

cast(a.SubsSoldTier2Total as int) as SubsSoldTier2Total,

cast(a.SubsSoldTier3Total as int) as SubsSoldTier3Total,

cast(a.CreatorSubRevenueTotal as float) as CreatorSubRevenueTotal,

cast(a.CreatorPrimeSubRevenueTotal as float) as CreatorPrimeSubRevenueTotal,

cast(a.CreatorAdRevenueTotal as float) as CreatorAdRevenueTotal,

cast(a.CreatorBitsRevenueTotal as float) as CreatorBitsRevenueTotal,

cast(a.CreatorFuelRevenueTotal as float) as CreatorFuelRevenueTotal,

cast(a.CreatorBountyBoardRevenueTotal as float) as CreatorBountyBoardRevenueTotal,

cast(a.CreatorRevenueTotal as float) as CreatorRevenueTotal,

cast(a.VideoPlaysTotal as bigint) as VideoPlaysTotal,

isnull(b.PrimaryBroadcastLanguage, '') as PrimaryBroadcastLanguage,

isnull(b.PrimaryBroadcastCountry, '') as PrimaryBroadcastCountry,

isnull(b.TopGameBroadcast, '') as TopGameBroadcast

from selection as a

left join metadata as b

on a.ChannelID = b.ChannelID

left join last\_broadcast as c

on a.ChannelID = c.ChannelID

;

## Sources

|  |  |  |
| --- | --- | --- |
| Column | Source | Custom Transform |
| aggregationtype | affiliates\_partners\_daily\_channel\_summary |  |
| averageccu | affiliates\_partners\_daily\_channel\_summary |  |
| ccutier | affiliates\_partners\_daily\_channel\_summary |  |
| channelconcurrentsminutesbroadcasttotal | affiliates\_partners\_daily\_channel\_summary |  |
| channelconcurrentsminuteswatchedtotal | affiliates\_partners\_daily\_channel\_summary |  |
| channelid | affiliates\_partners\_daily\_channel\_summary |  |
| chatmessagestotal | affiliates\_partners\_daily\_channel\_summary |  |
| creatoradrevenuetotal | affiliates\_partners\_daily\_channel\_summary |  |
| creatorbitsrevenuetotal | affiliates\_partners\_daily\_channel\_summary |  |
| creatorbountyboardrevenuetotal | affiliates\_partners\_daily\_channel\_summary |  |
| creatorfuelrevenuetotal | affiliates\_partners\_daily\_channel\_summary |  |
| creatorprimesubrevenuetotal | affiliates\_partners\_daily\_channel\_summary |  |
| creatorrevenuetotal | affiliates\_partners\_daily\_channel\_summary | sum(creator\_ad\_revenue  + creator\_sub\_revenue\_total  + creator\_sub\_revenue\_prime  + creator\_bits\_revenue  + creator\_fuel\_revenue+ creator\_bounty\_board\_revenue) |
| creatorsubrevenuetotal | affiliates\_partners\_daily\_channel\_summary |  |
| followercountchangetotal | affiliates\_partners\_daily\_channel\_summary |  |
| followercounttotal | affiliates\_partners\_daily\_channel\_summary |  |
| lastbroadcastdate | tahoe.minute\_broadcast |  |
| login | affiliates\_partners\_daily\_channel\_summary |  |
| maxccu | affiliates\_partners\_daily\_channel\_summary |  |
| maxdate | DateTime.UtcNow.Date |  |
| mindate | maxdate.AddDays(-[AggregateTimespan]) |  |
| minutesbroadcasttotal | affiliates\_partners\_daily\_channel\_summary |  |
| minuteswatchedtotal | affiliates\_partners\_daily\_channel\_summary |  |
| primarybroadcastcountry | affiliates\_partners\_daily\_channel\_summary |  |
| primarybroadcastlanguage | affiliates\_partners\_daily\_channel\_summary |  |
| subssoldprimetotal | affiliates\_partners\_daily\_channel\_summary |  |
| subssoldtier1total | affiliates\_partners\_daily\_channel\_summary |  |
| subssoldtier2total | affiliates\_partners\_daily\_channel\_summary |  |
| subssoldtier3total | affiliates\_partners\_daily\_channel\_summary |  |
| subssoldtotal | affiliates\_partners\_daily\_channel\_summary |  |
| topgamebroadcast | affiliates\_partners\_daily\_channel\_summary |  |
| uniquedaysbroadcast | affiliates\_partners\_daily\_channel\_summary |  |
| usertype | affiliates\_partners\_daily\_channel\_summary |  |
| usertypechanged | affiliates\_partners\_daily\_channel\_summary |  |
| videoplaystotal | affiliates\_partners\_daily\_channel\_summary |  |

## Staging

create table {schemaprefix}.microservice\_staging\_twitch\_user\_listing

(

MinDate datetime not null,

MaxDate datetime not null,

AggregationType int not null,

ChannelID bigint not null,

Login varchar(50) null,

CCUTier varchar(50) null,

LastBroadcastDate datetime null,

UserType varchar(20) not null,

UserTypeChanged boolean not null,

MaxCCU int not null,

AverageCCU float not null,

MinutesWatchedTotal bigint not null,

ChannelConcurrentsMinutesWatchedTotal bigint not null,

MinutesBroadcastTotal bigint not null,

ChannelConcurrentsMinutesBroadcastTotal bigint not null,

UniqueDaysBroadcast int not null,

FollowerCountTotal int not null,

FollowerCountChangeTotal int not null,

ChatMessagesTotal bigint not null,

SubsSoldTotal int not null,

SubsSoldPrimeTotal int not null,

SubsSoldTier1Total int not null,

SubsSoldTier2Total int not null,

SubsSoldTier3Total int not null,

CreatorSubRevenueTotal float not null,

CreatorPrimeSubRevenueTotal float not null,

CreatorAdRevenueTotal float not null,

CreatorBitsRevenueTotal float not null,

CreatorFuelRevenueTotal float not null,

CreatorBountyBoardRevenueTotal float not null,

CreatorRevenueTotal float not null,

VideoPlaysTotal bigint not null,

PrimaryBroadcastLanguage varchar(5) null,

PrimaryBroadcastCountry varchar(5) null,

TopGameBroadcast varchar(50),

WorkerIdentifier varchar(64) not null,

BatchID varchar(64) not null

) distkey(WorkerIdentifier) sortkey (BatchID, AggregationType, ChannelID);