

How to connect to Druid?

Port-forward to the Druid cluster

```
kubectl port-forward -n  
wiremind-druid-{env} druid-  
{env}-broker-{id-container}  
8082:8082
```

Exemple: `kubectl port-f orward -n
wiremi nd- dru id- staging druid
- sta gin g-b rok er- 795 c75 64
5 6-sjbm9 8082:8082`

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Optional: configure a SQL client

If you want to query Druid with an SQL client, you can do so using [this driver](#).

Optional: configure a SQL client (cont)

In Database URL, specify: jdbc:a vat ica :re mot e:u rl= htt p:/ /lo cal -
hos t:8 082 /dr uid /v2 /sq l/a vatica/

Tools: DBVizualizer, DBeaver, DataGrip, ...



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What data sources can I query?

fact_passenger_event

Granul-	od_id X event_type X
arity	ticket_key

fact_passenger_event (cont)

Refresh	daily
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fact_passenger_event (cont)

Time reference (<i>__time</i>)	Exact timestamp of the event.
-------------------------------------	-------------------------------

event_type can be: `abandon_cart`, `confirm_purchase`, `cancel_purchase`

fact_daily_od_bucket

Granularity	<code>od_id X bucket_id X day_x</code>
-------------	--

fact_daily_od_bucket (cont)

Refresh	daily
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fact_daily_od_bucket (cont)

Time	UTC time at train timezone
reference	midnight corresponding to this
(__time)	day_x

fact_daily_leg_physical_inventory

Granul-	leg_id X physical_inventory_id X
arity	day_x

fact_daily_leg_physical_inventory (cont)

Refresh	daily
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fact_daily_leg_physical_inventory (cont)

Time	UTC time at train timezone
reference	midnight corresponding to this
(__time)	day_x

Query tips

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Useful SQL functions

Cast datetime to date	CAST(departure_datetime TO DATE)
-----------------------	----------------------------------

Most common columns

__time	If possible, filter on .
--------	---------------------------------

Most common columns (cont)

day_x	Compute using the service timezone.
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Most common columns (cont)

[origin/destination]_station_[id/name/zone]

Most common columns (cont)

[departure/arrival]_datetime

Most common columns (cont)

service_[id/number/status]

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Most common columns (cont)

market_[id/name]

Most common columns (cont)

ordered_l-
eg_ids

You must use ARRAY
functions.

Most common columns (cont)

od_[capacity/lid/id]

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Most common columns (cont)

bucket_name

Most common columns (cont)

availability[_physical]_seats_[start/end]_day

Most common columns (cont)

[cumulative_]sum_[cancelled/confirmed/n-et]_bookings

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Most common columns (cont)

[cumulative_]sum_[net]_revenue_vat_
[-inc/exc]

Most common columns (cont)

has_event- If the line is exactly the same
_occurred as the day before.

Most common columns (cont)

price_- For fact_passenger_event, it
vat_[i- might be 0 (abandon_cart) or
nc/exc] negative (cancelled_purchase).
Use base_price_vat_inc for initial
price.

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Most common columns (cont)

travel_time_minute

[More information here.](#)

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