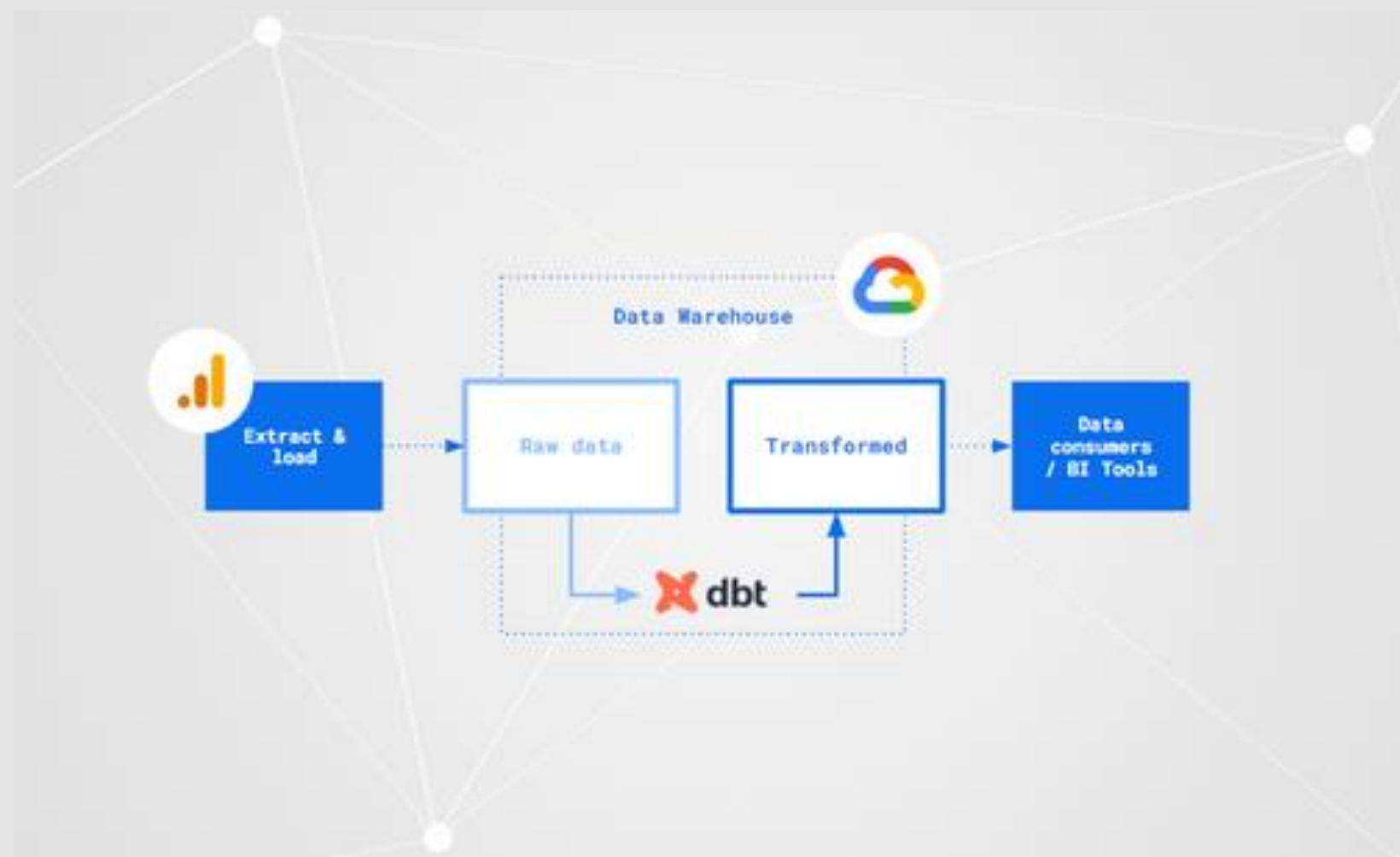


Data Challenge

Antonio Rodrigues Neto

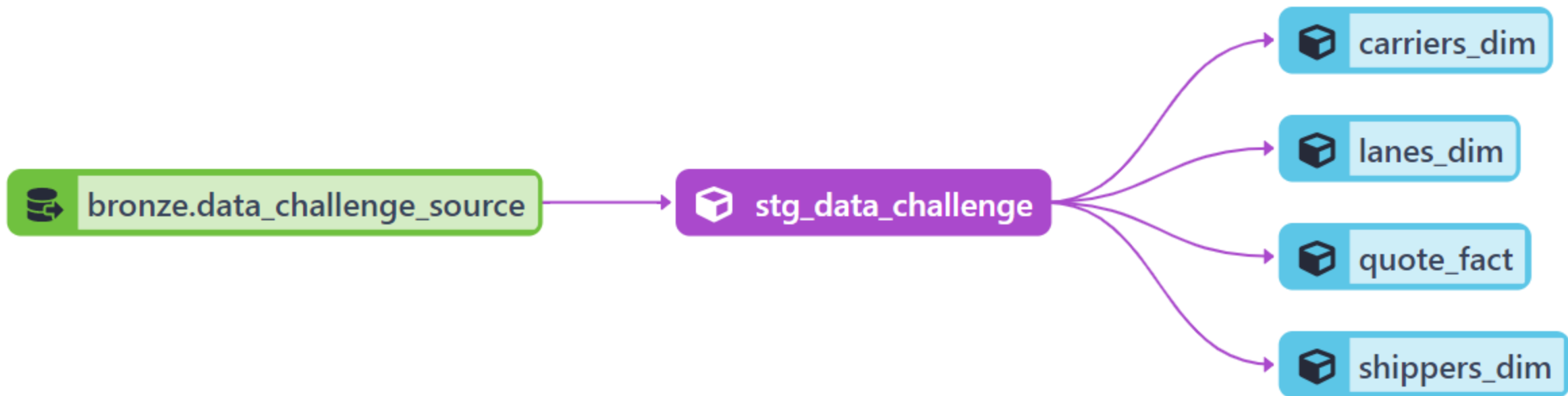


ETL tool



















Database lineage













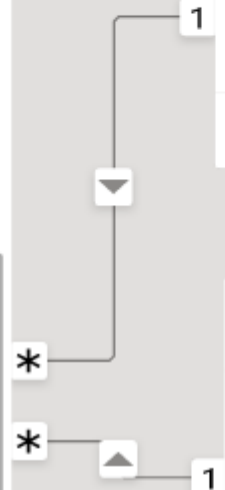
Dimensional model

 carriers_dim	 
Σ carrier_dropped_us_count_total	
 carrier_first_quote_date	
carrier_id	
has edi_tracking	
has_macropoint_tracking	
has_mobile_app_tracking	
vip_carrier	
Collapse ^	

 quote_fact	 
 delivery_date	
equipment_type	
lane	
load_booked_autonomously	
load_sourced_autonomously	
load_was_cancelled	
Σ loadsmart_id	
 pickup_appointment_time	
 pickup_date	
Σ pnl	
 quote_date	
shipper_id	
 source_date	
Σ source_price	
sourcing_channel	
 carrier rating avg	
 distinct carriers	
Collapse ^	

 shippers_dim	 
 first_quote_date	
shipper_id	
Collapse ^	

 lanes_dim	 
lane_name	
mileage_median	
 Median dist	
Collapse ^	



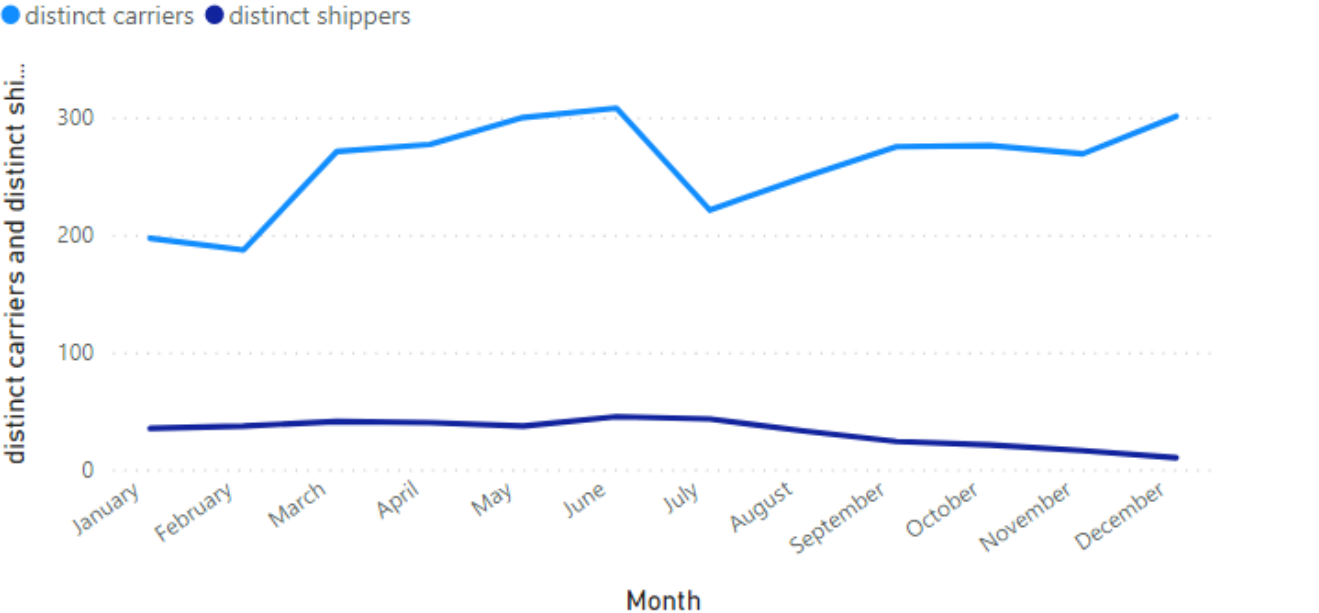


Visual analysis

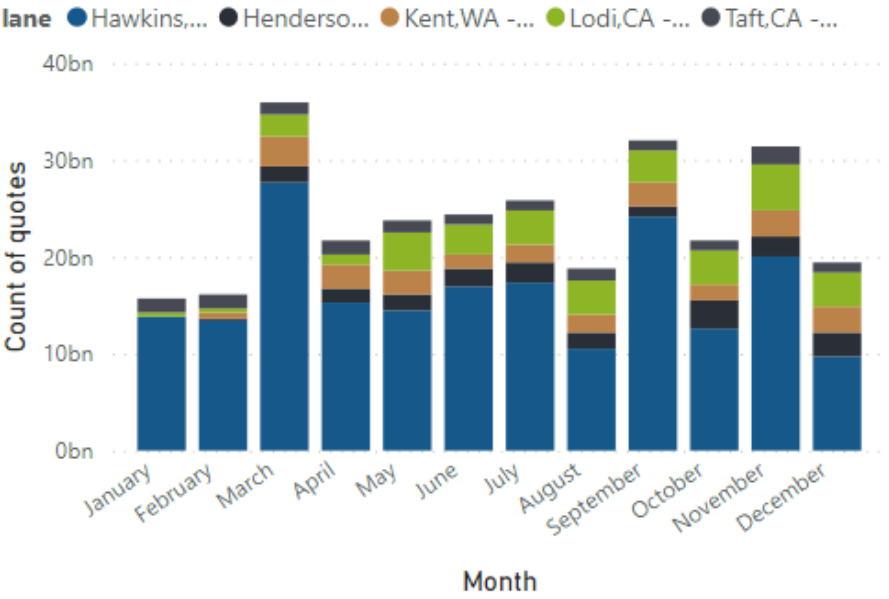
Count of quotes and Sum source price by Month



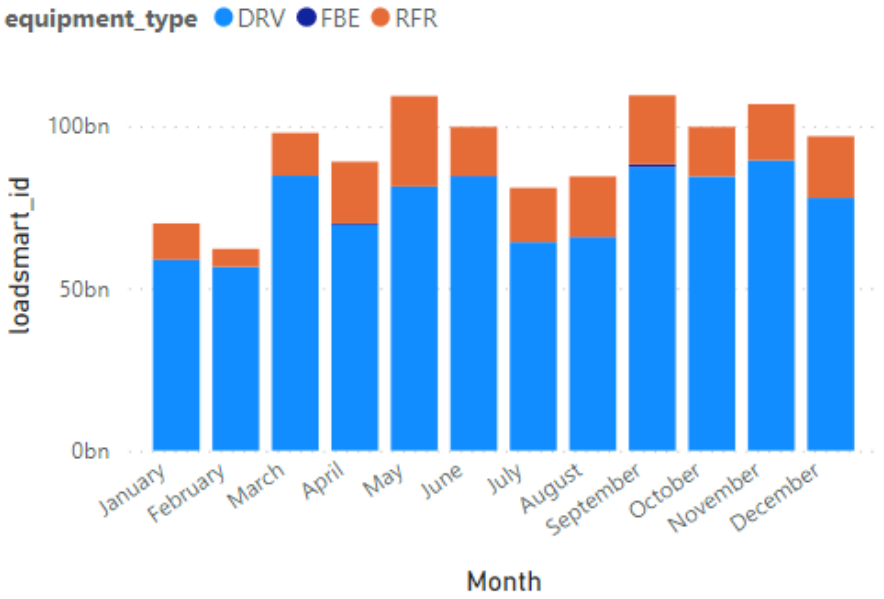
distinct carriers and distinct shippers by Month



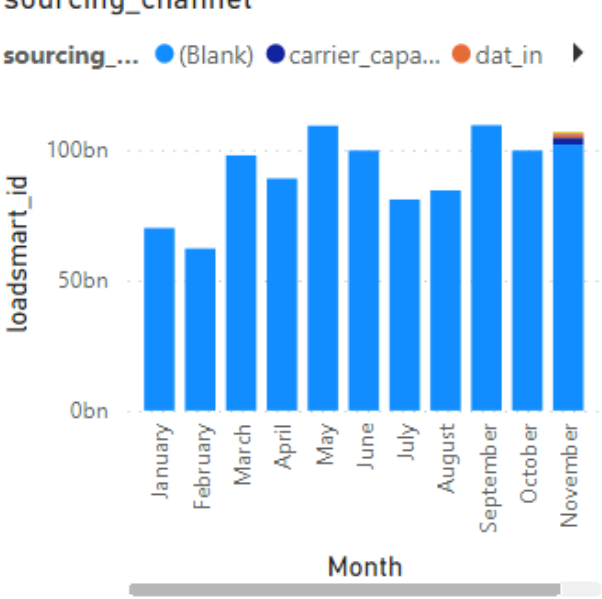
Count of quotes by Month and lane



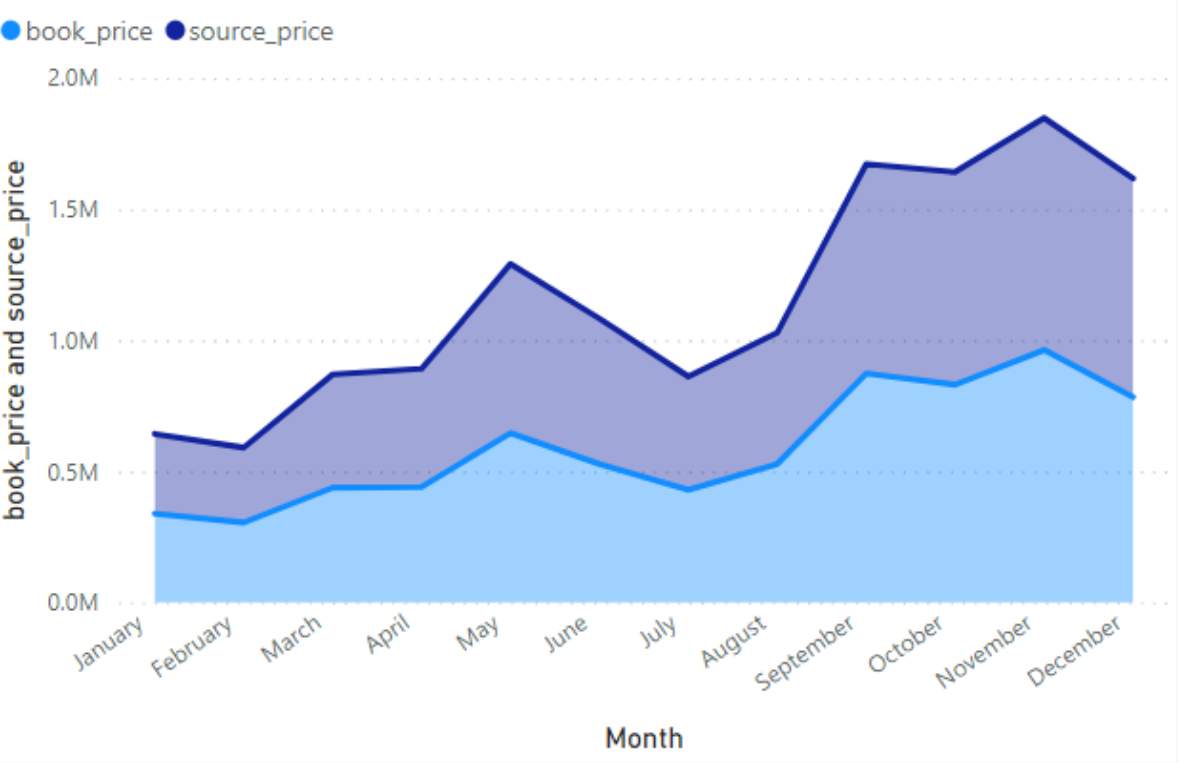
loadsmart_id by Month and equipment_type



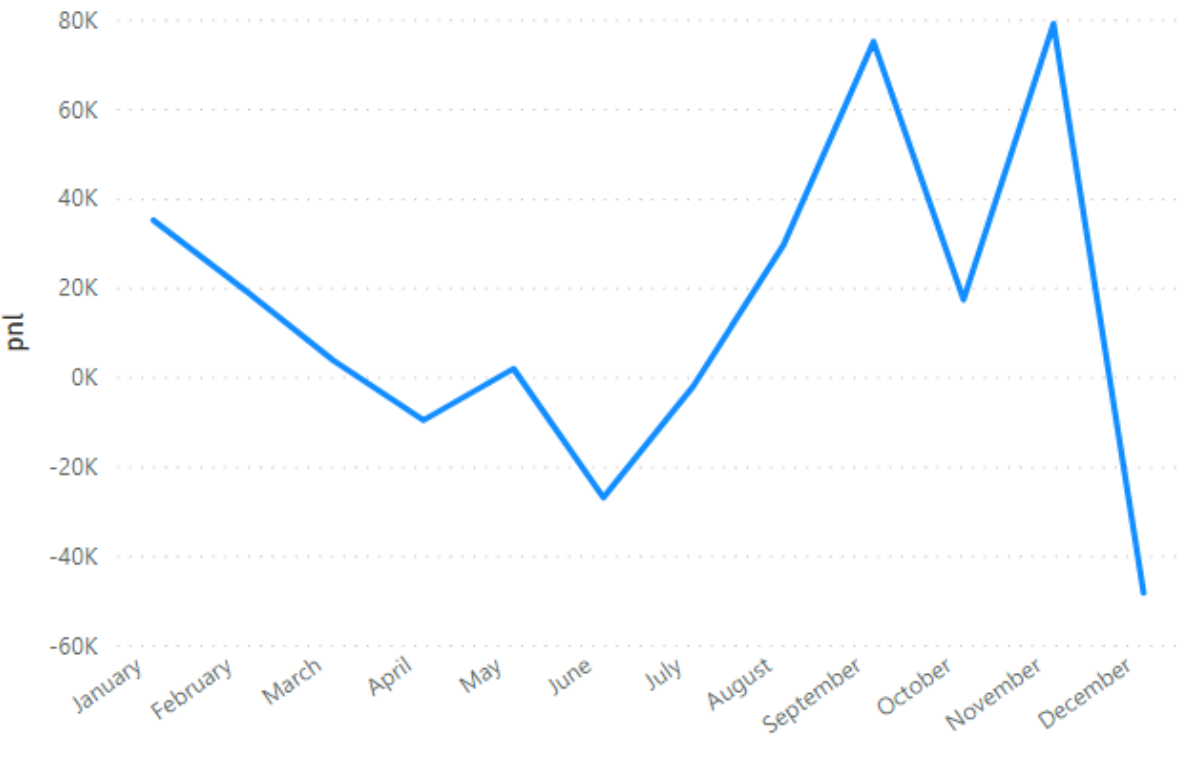
loadsmart_id by Month and sourcing_channel



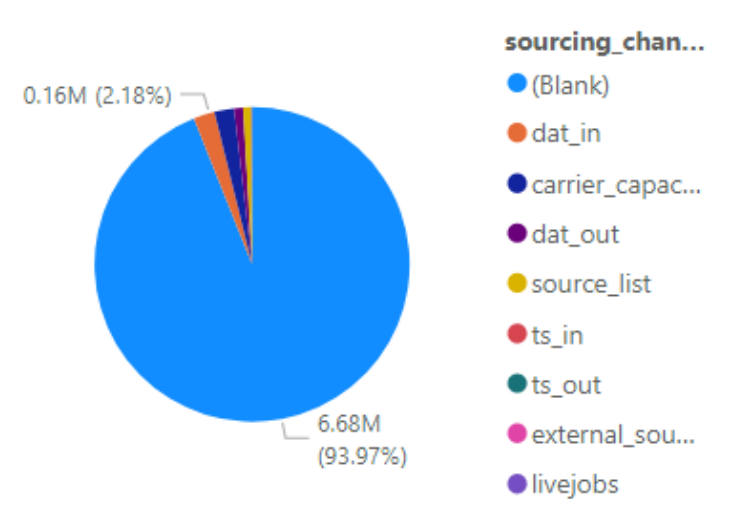
book_price and source_price by Month



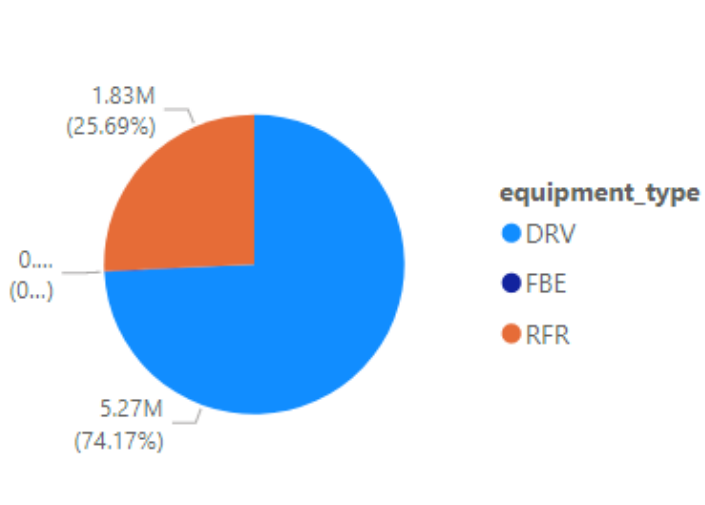
pnl by Month



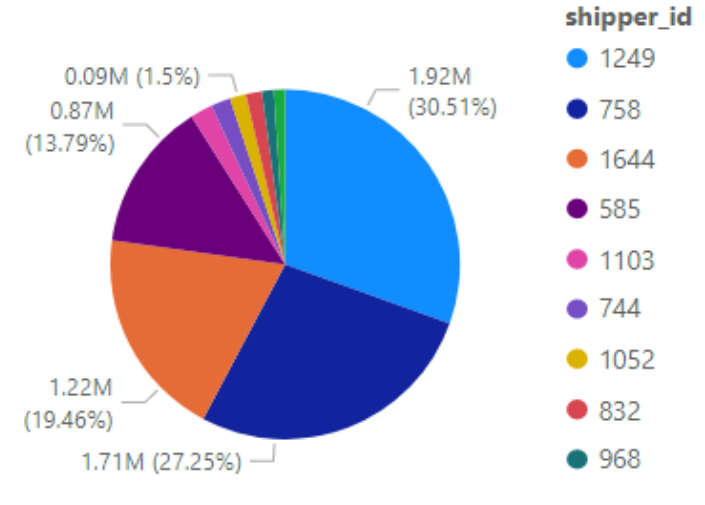
book_price by sourcing_channel



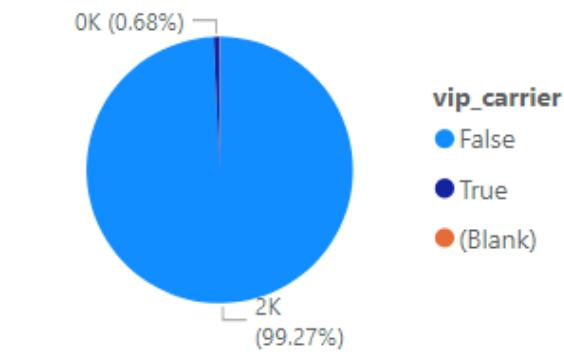
book_price by equipment_type



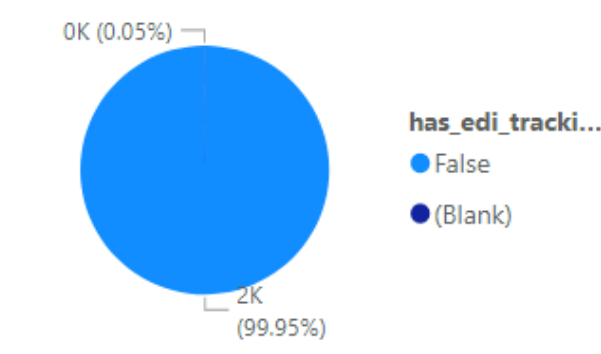
book_price by shipper_id (top 10)



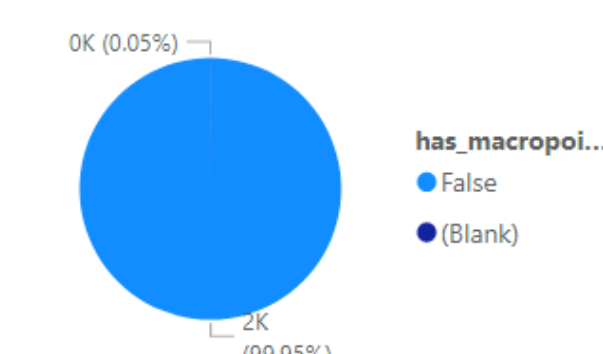
distinct carriers by vip_carrier



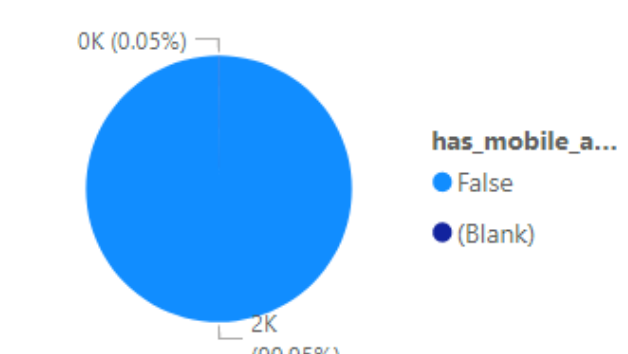
distinct carriers by has_edi_tracking



distinct carriers by has_macropoint_tracking



distinct carriers by has_mobile_app_tracking



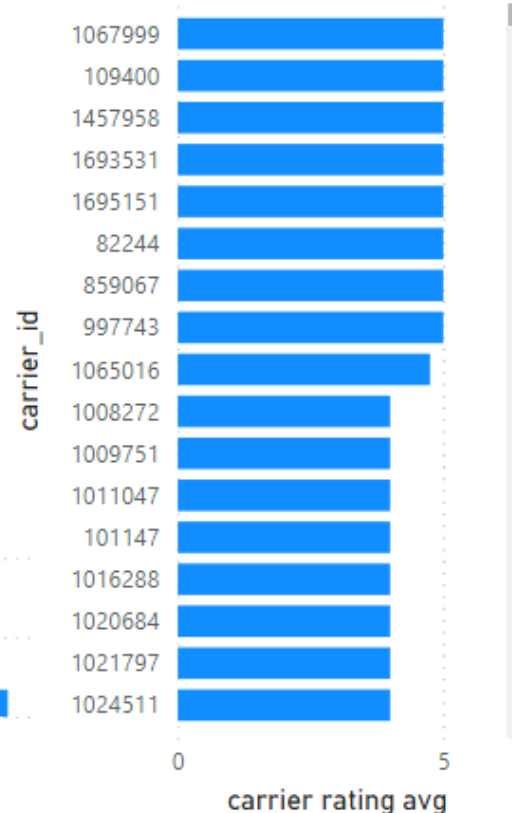
and US\$ of pickups by month



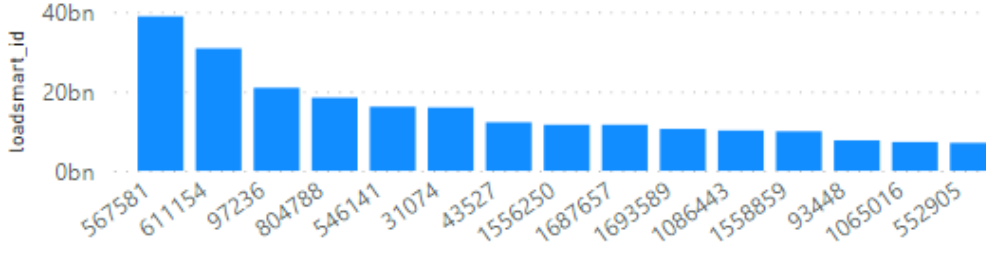
and US\$ of deliveries by month



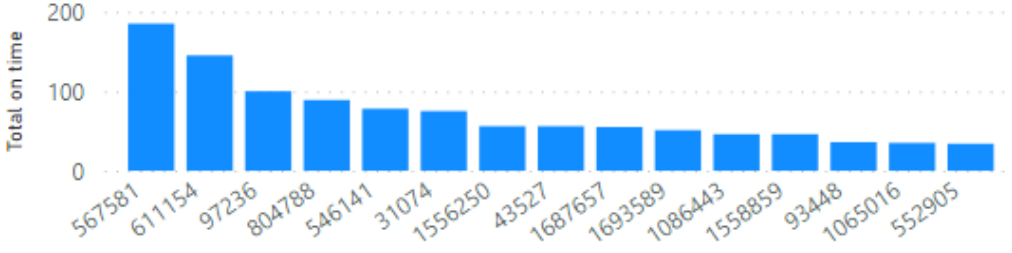
carrier rating avg



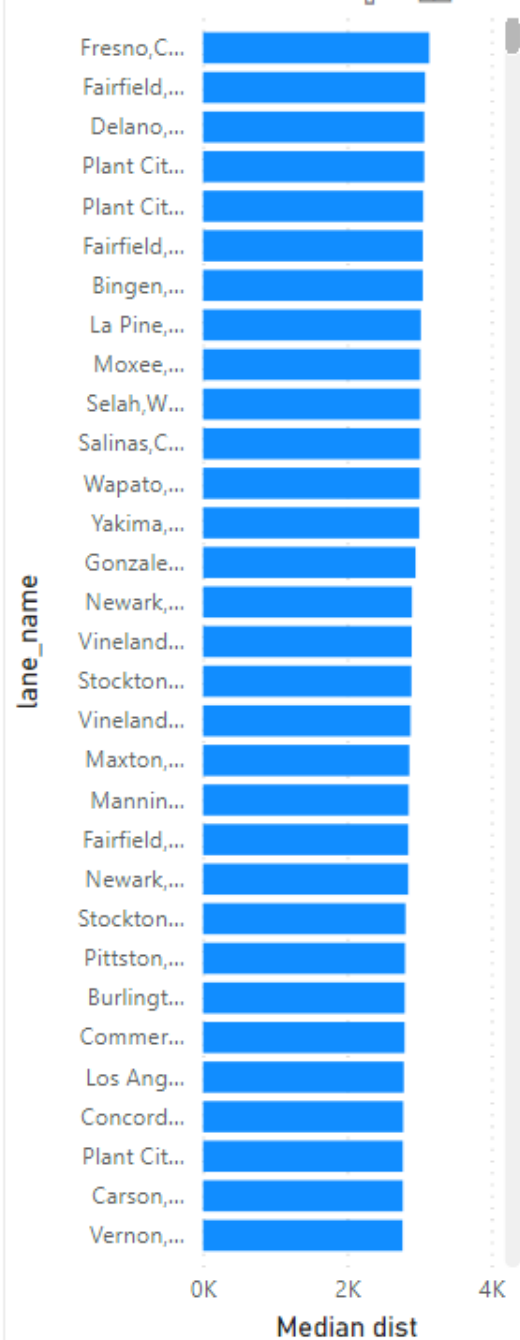
Top 15 carriers of quotes



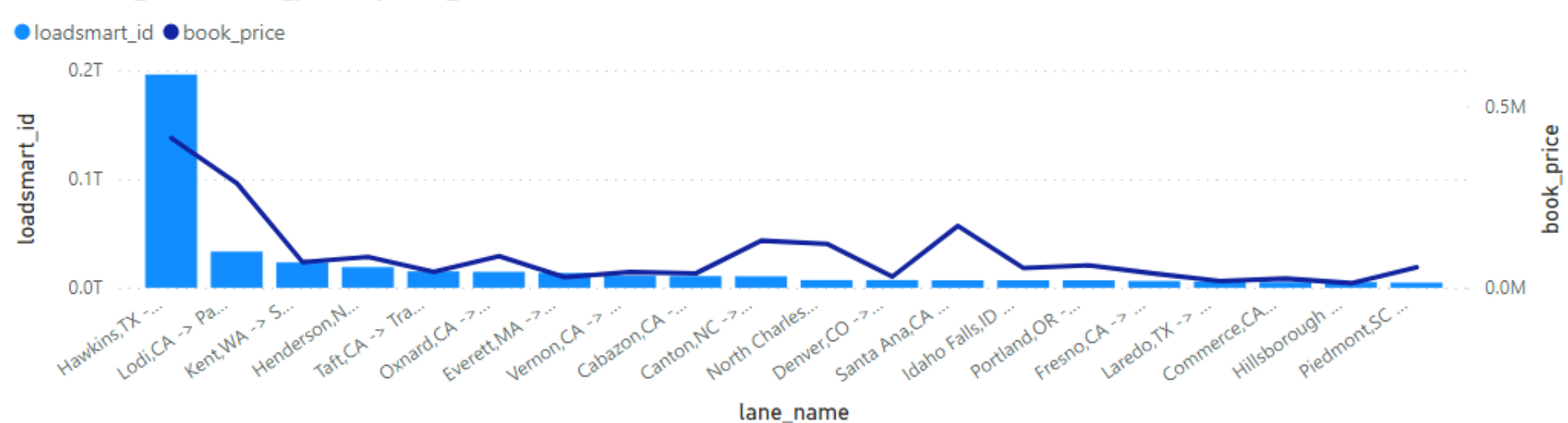
Top 15 carriers on time overall



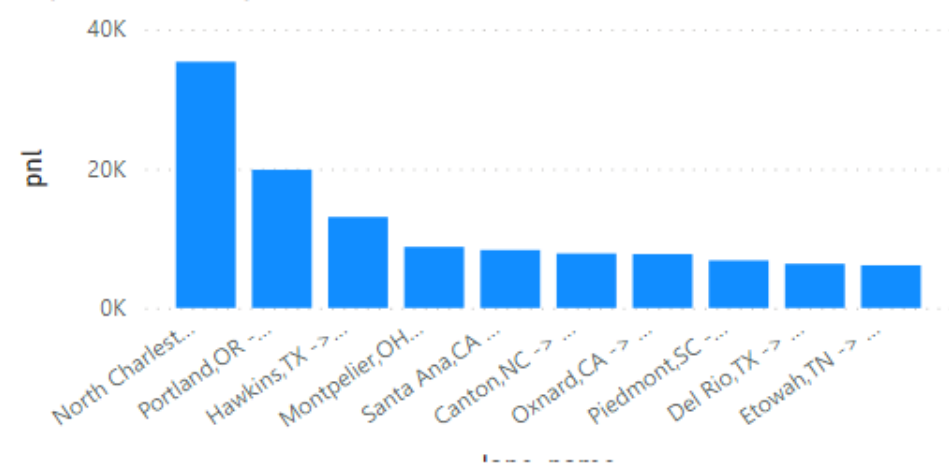
Median dist by lane_na



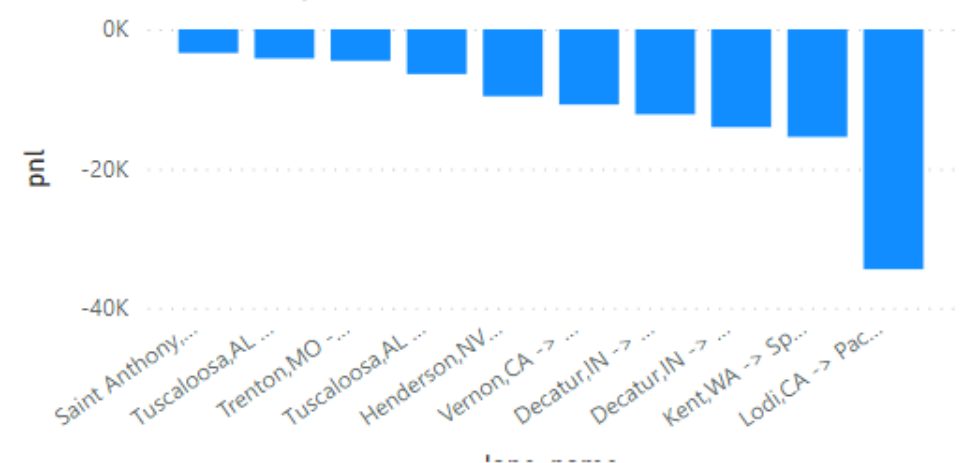
loadsmart_id and book_price by lane_name



Top 10 lanes of pnl



Bottom 10 lanes of pnl



Total cancellation by lane

