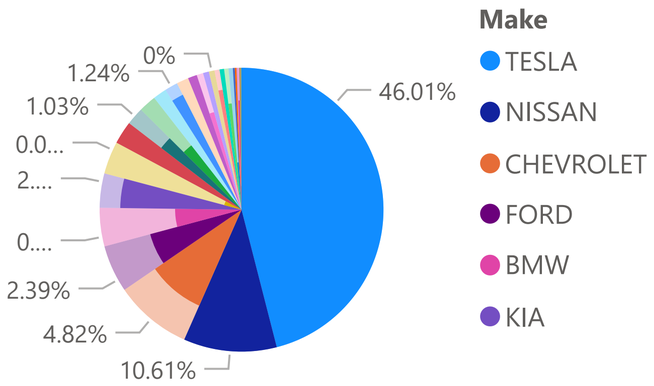
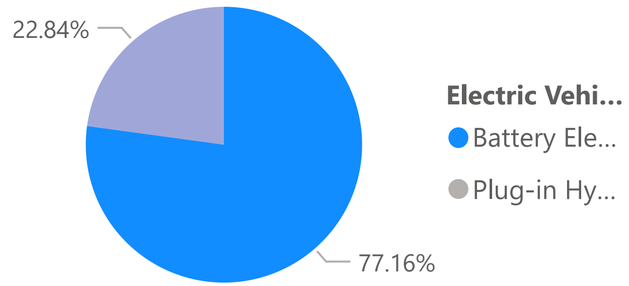
Electric Vehicle Data Analysis

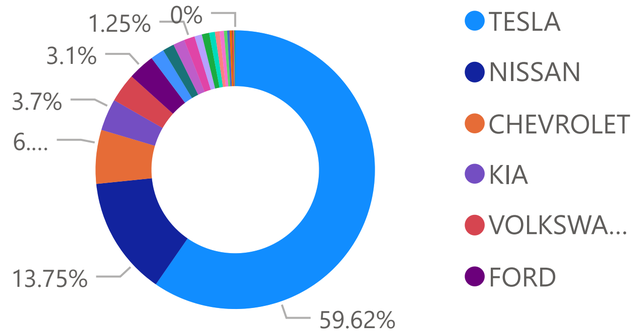
Market Share



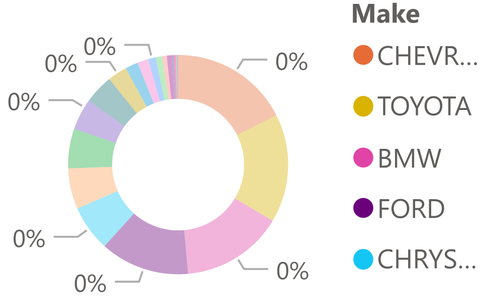
BEV and PHEV



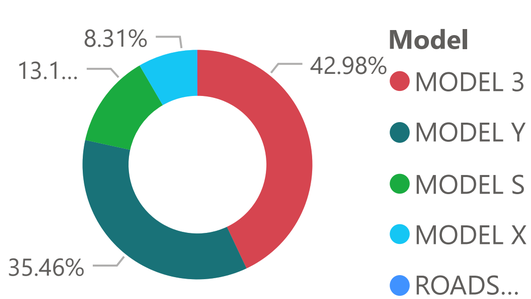
Market Share on BEV



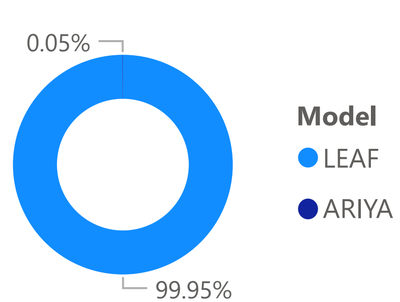
Market Share on PHEV



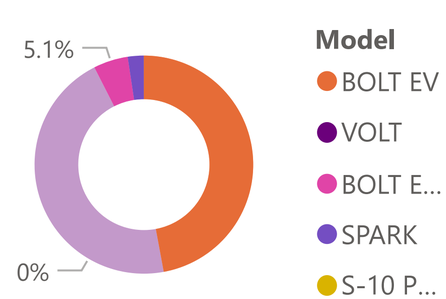
TESLA'S Model



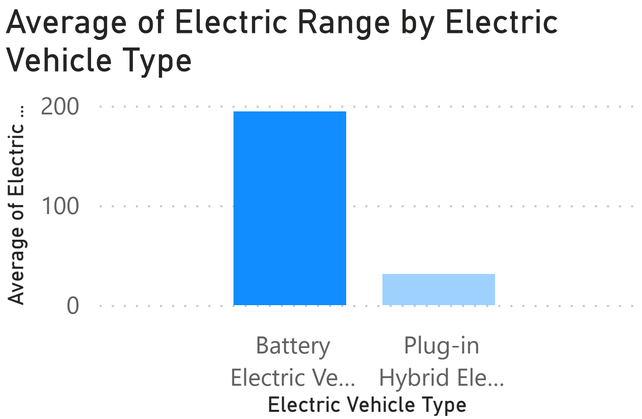
NISSAN'S Model



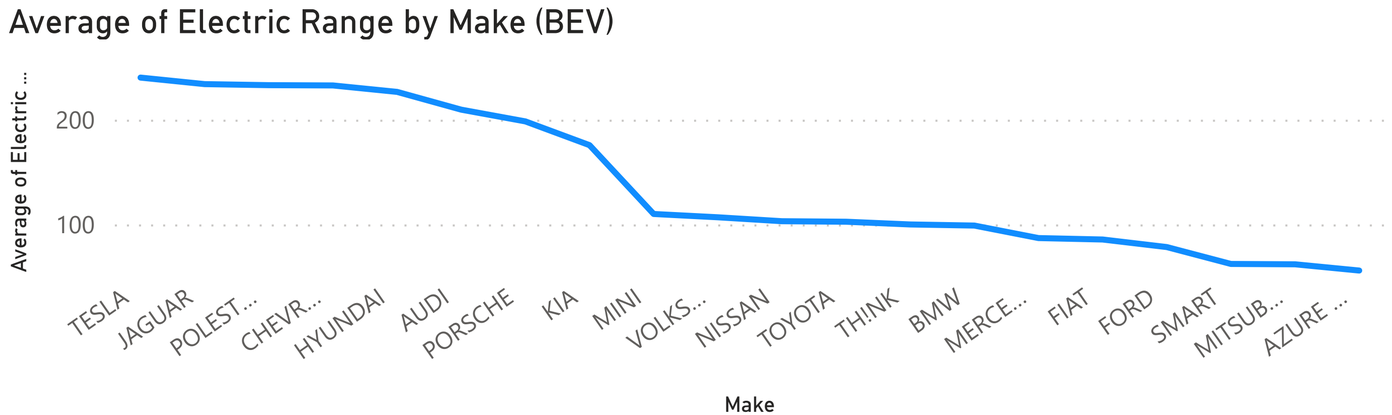
CHEVROLET's Model



Average of Electric Range by Electric Vehicle Type



Average of Electric Range by Make (BEV)



Summary:

1. Market Share was highest for TESLA accounted for 46.01% . followed by NISSAN (10.61%) and CHEVROLET(8.83%).
2. Battery Electric Vehicle (BEV) (94,118, 77.16%) was higher than Plug-in Hybrid Electric Vehicle (PHEV) (27,860).
3. Market Share on BEV was highest for TESLA accounted for 56.12%, followed by NISSAN and CHEVROLET.
4. For TESLA's model, Model 3 (42.89%) was highest in market share followed by Model Y and Model S. All TESLA are BEV.
5. For NISSAN's model, LEAF accounted for 99.95%. It is BEV.
6. For CHEVROLET's model, BOLT EV was highest(47.09%) which are BEV, followed by VOLT (45.43%) which are PHEV.
7. For BEV, At 240.23, TESLA had the highest Average of Electric Range and was 328.98% higher than AZURE DYNAMICS, which had the lowest Average of Electric Range at 56.

*Even CHEVROLET at 3rd place of market share, but about half of them are PHEV which has lower electric range. CHEVROLET may shift slowly to BEV market.

*Even NISSAN at 2nd place of market share, but LEAF's electric range is low. LEAF may need to improve it.

*we don't have any result about price since we have so many missing value on Base MSRP data .