Electric Cars Dashboard, SQL queries to verify results in Power BI report

1. Total Vehicles

SELECT COUNT(DOL\_Vehicle\_ID) as total\_vehicles FROM EV



1. Avg Electric Range

SELECT

ROUND(AVG(ELECTRIC\_Range),2) AS Average\_Range

FROM EV



1. BEH and PHEV Vehicles Count

SELECT

COUNT(DOL\_Vehicle\_ID) as Count,

Electric\_Vehicle\_Type

FROM EV

GROUP BY Electric\_Vehicle\_Type

ORDER BY Electric\_Vehicle\_Type

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1. Total Vehicles by Model Year

SELECT

COUNT(DOL\_Vehicle\_ID) as Count,

Model\_Year

FROM EV

GROUP BY Model\_Year

ORDER BY Model\_Year DESC

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1. Total Vehicles by Make

SELECT

COUNT(DOL\_Vehicle\_ID) as Count,

Make

FROM EV

GROUP BY Make

ORDER BY Count DESC

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1. Total Vehicles by CAFV

SELECT

COUNT(DOL\_Vehicle\_ID) as Count,

Clean\_Alternative\_Fuel\_Vehicle\_CAFV\_Eligibility

FROM EV

GROUP BY Clean\_Alternative\_Fuel\_Vehicle\_CAFV\_Eligibility

ORDER BY Count DESC

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1. Total Vehicles by Model

SELECT

COUNT(DOL\_Vehicle\_ID) as Count,

Model

FROM EV

GROUP BY Model

ORDER BY Count DESC

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