VISUALIZATION TOOL FOR ELECTRIC VEHICLE CHARGE AND RANGE ANALYSIS

CHEVALIER T THOMAS ELIZABETH COLLEGE FOR WOMEN
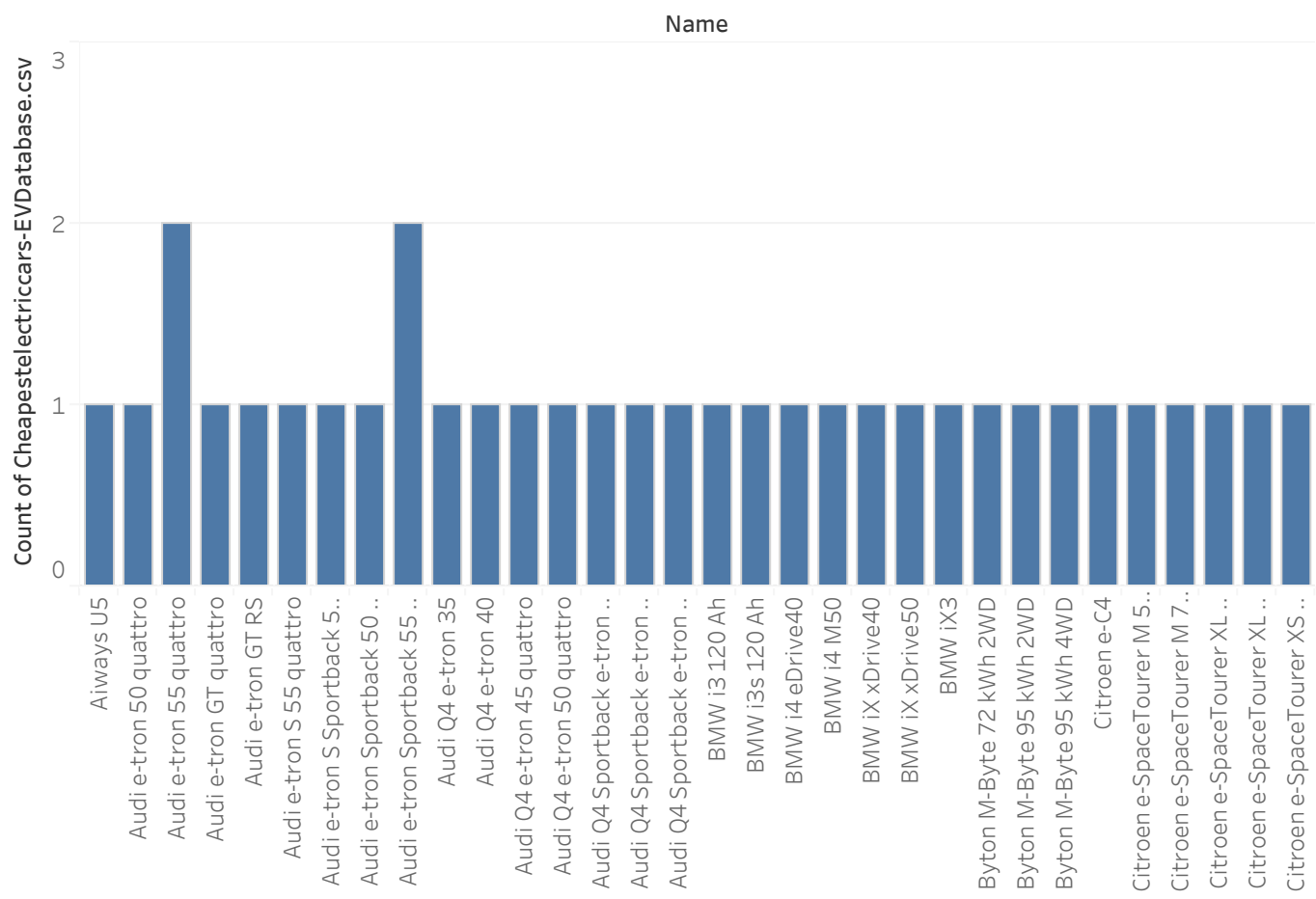
TEAM MEMBERS

S.NOORBANI
S.KOKILA MAYIL BHARATHI
S.SOUNDARYA
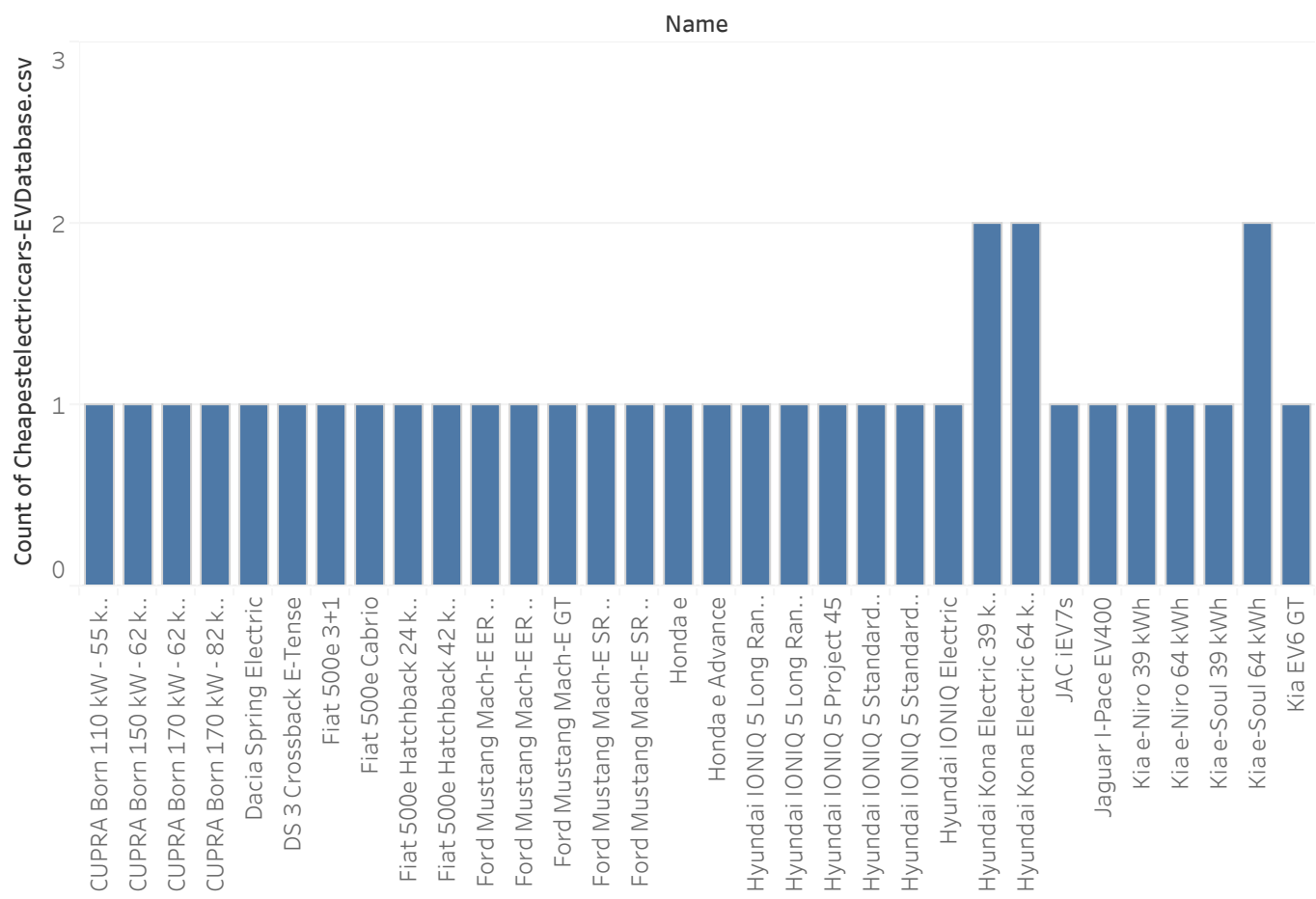B.SUBHA

DATA ANAYLTICS ON ELECTRICAL VEHICLES

ACCELERATION OF THE VEHICLE FOR DIFFERENT BRANDS IN INDIA

Name

Count of Cheapestelectriccars-EVDatabase.csv for each Name. Details are shown for Efficiency.

ACCELERATION OF THE VEHICLE FOR DIFFERENT BRANDS IN INDIA

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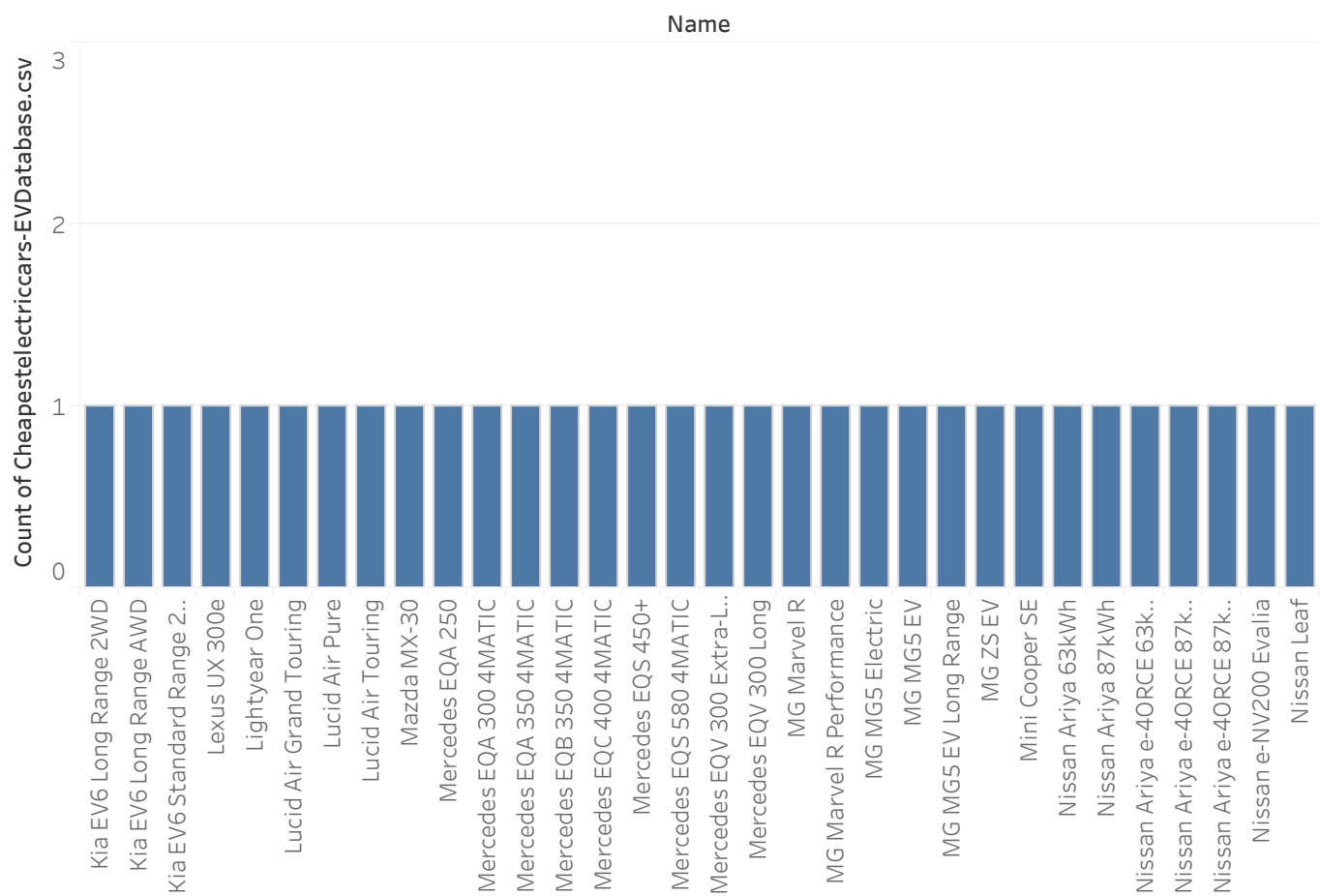# ACCELERATION OF THE VEHICLE FOR DIFFERENT BRANDS IN INDIA

Name

Count of Cheapestelectriccars-EVDatabase.csv for each Name. Details are shown for Efficiency.

ACCELERATION OF THE VEHICLE FOR DIFFERENT BRANDS IN INDIA
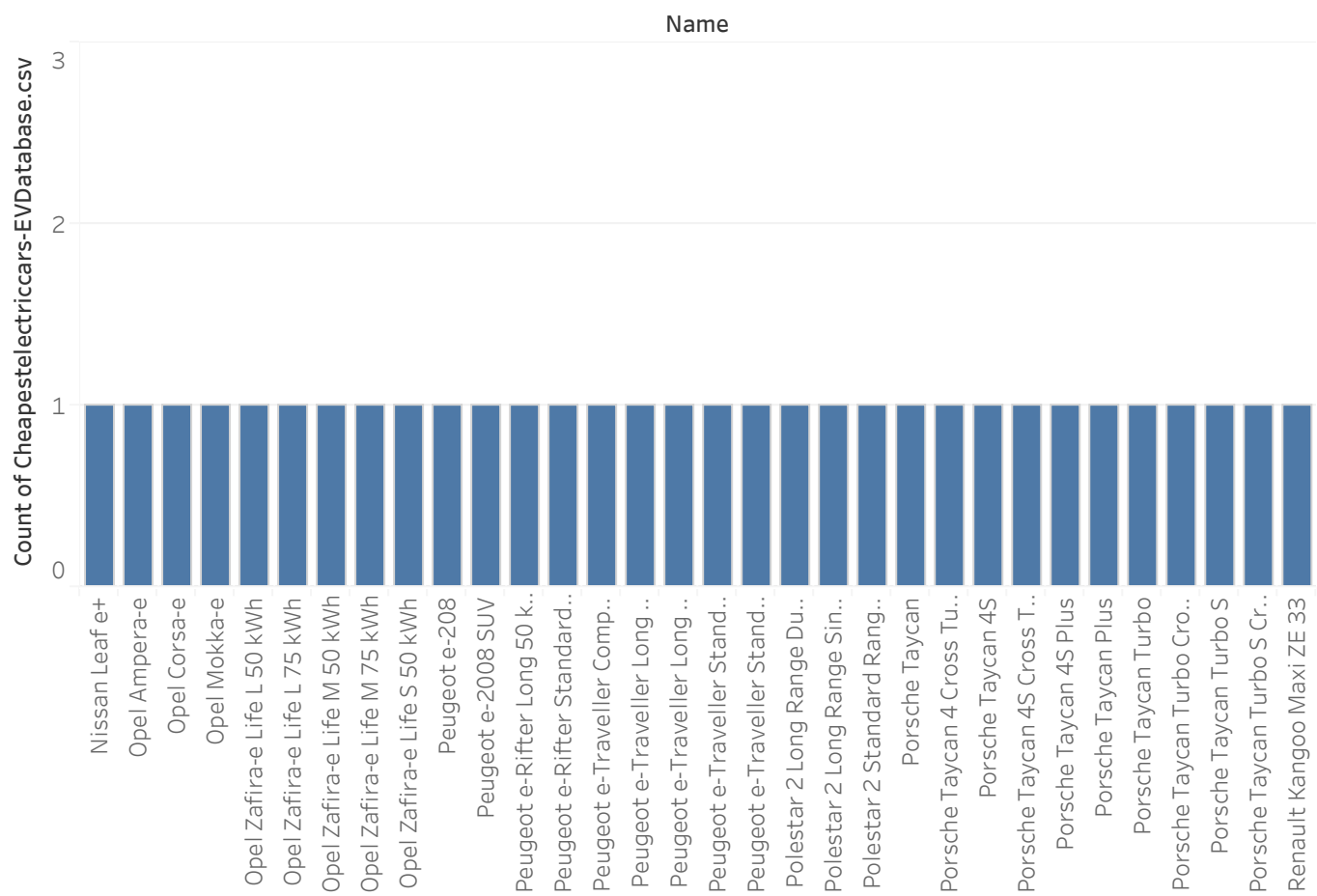
Name
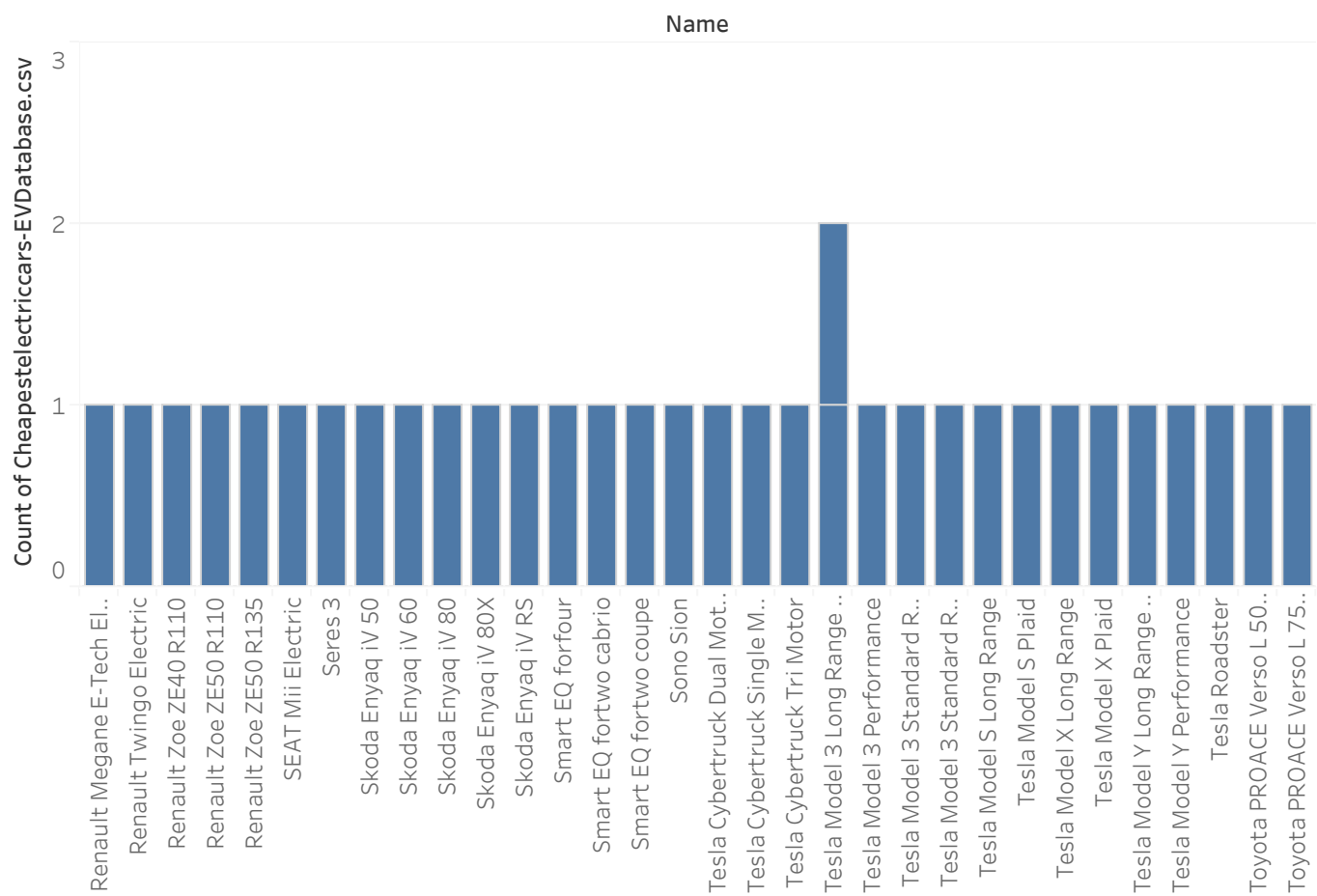

Count of Cheapestelectriccars-EVDatabase.csv for each Name. Details are shown for Efficiency.

ACCELERATION OF THE VEHICLE FOR DIFFERENT BRANDS IN INDIA

Name
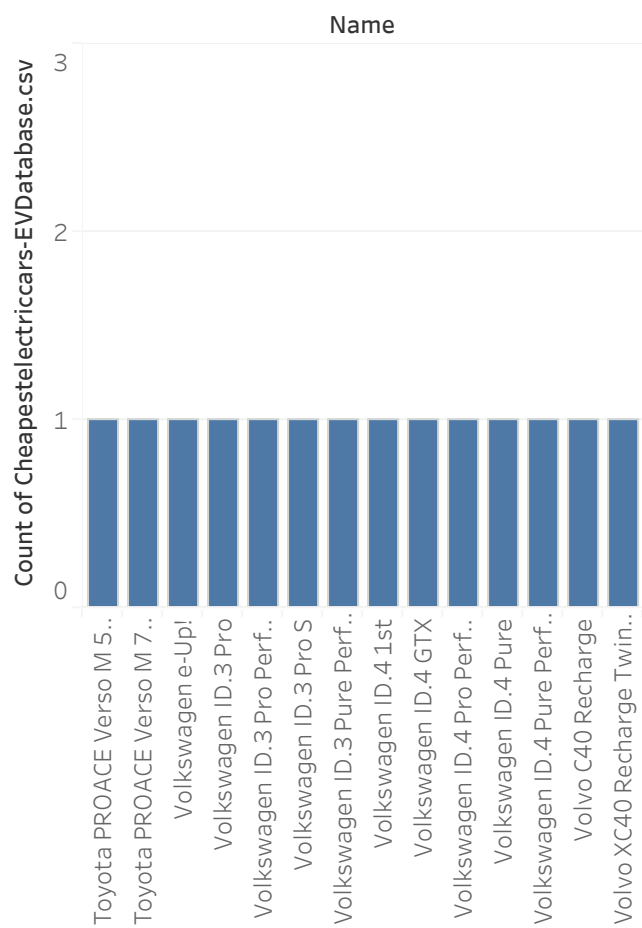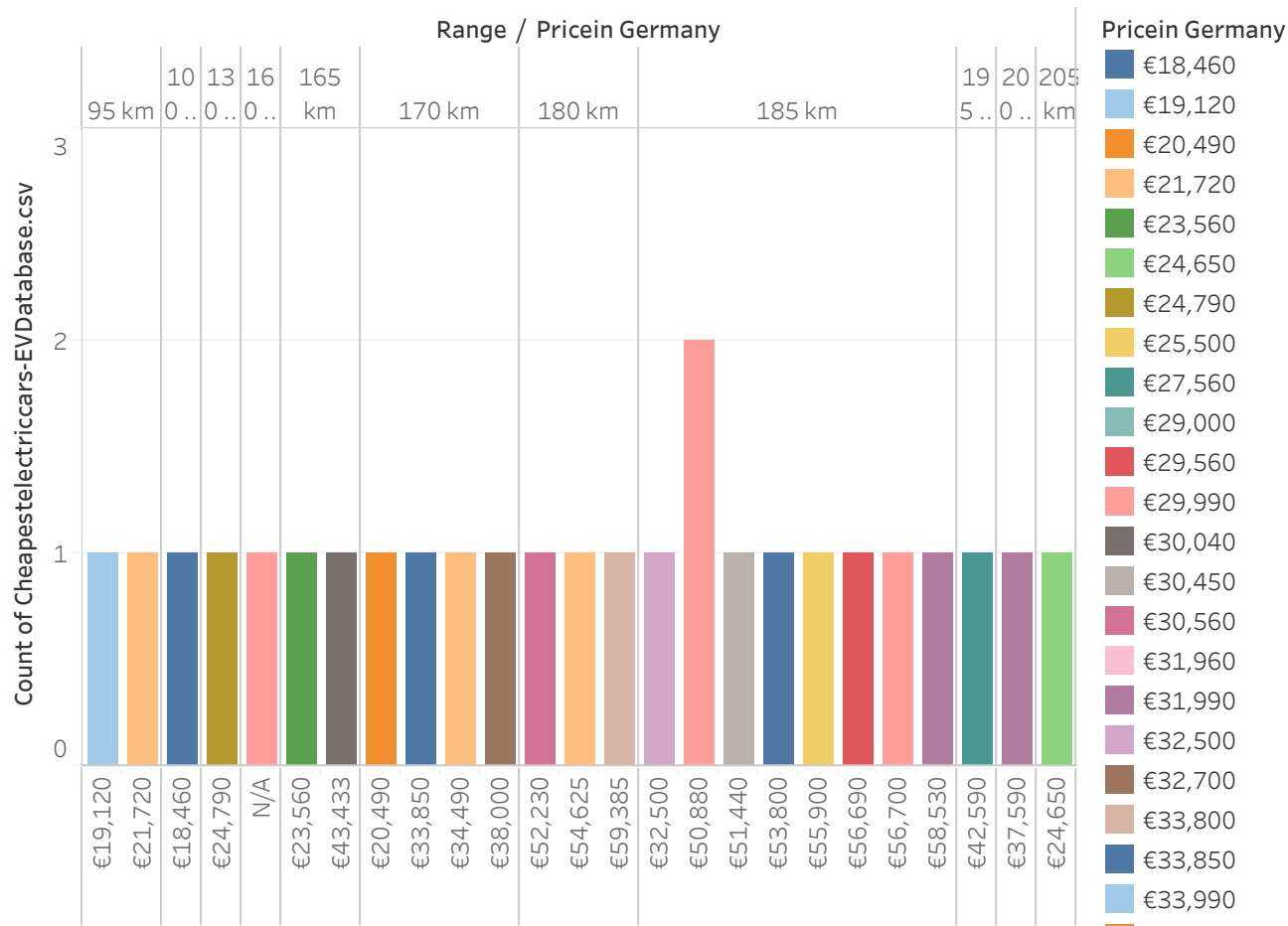

Count of Cheapestelectriccars-EVDatabase.csv for each Name. Details are shown for Efficiency.

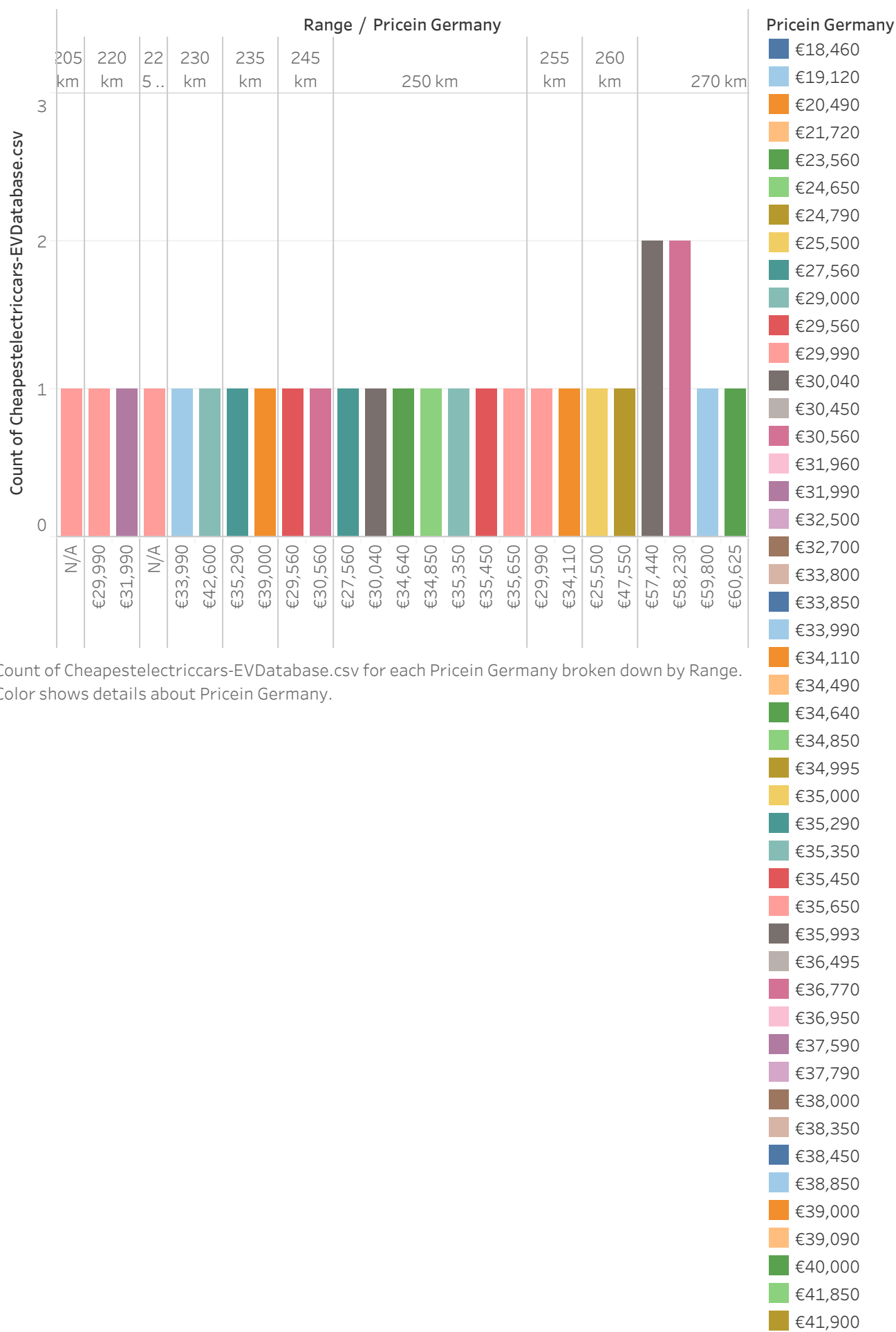# ACCELERATION OF THE VEHICLE FOR DIFFERENT BRANDS IN INDIA

Name

Count of Cheapestelectriccars-EVDatabase.csv for each Name. Details are shown for Efficiency.

COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE

Count of Cheapestelectriccars-EVDatabase.csv for each Pricein Germany broken down by Range. Color shows details about Pricein Germany.

COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE

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COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE
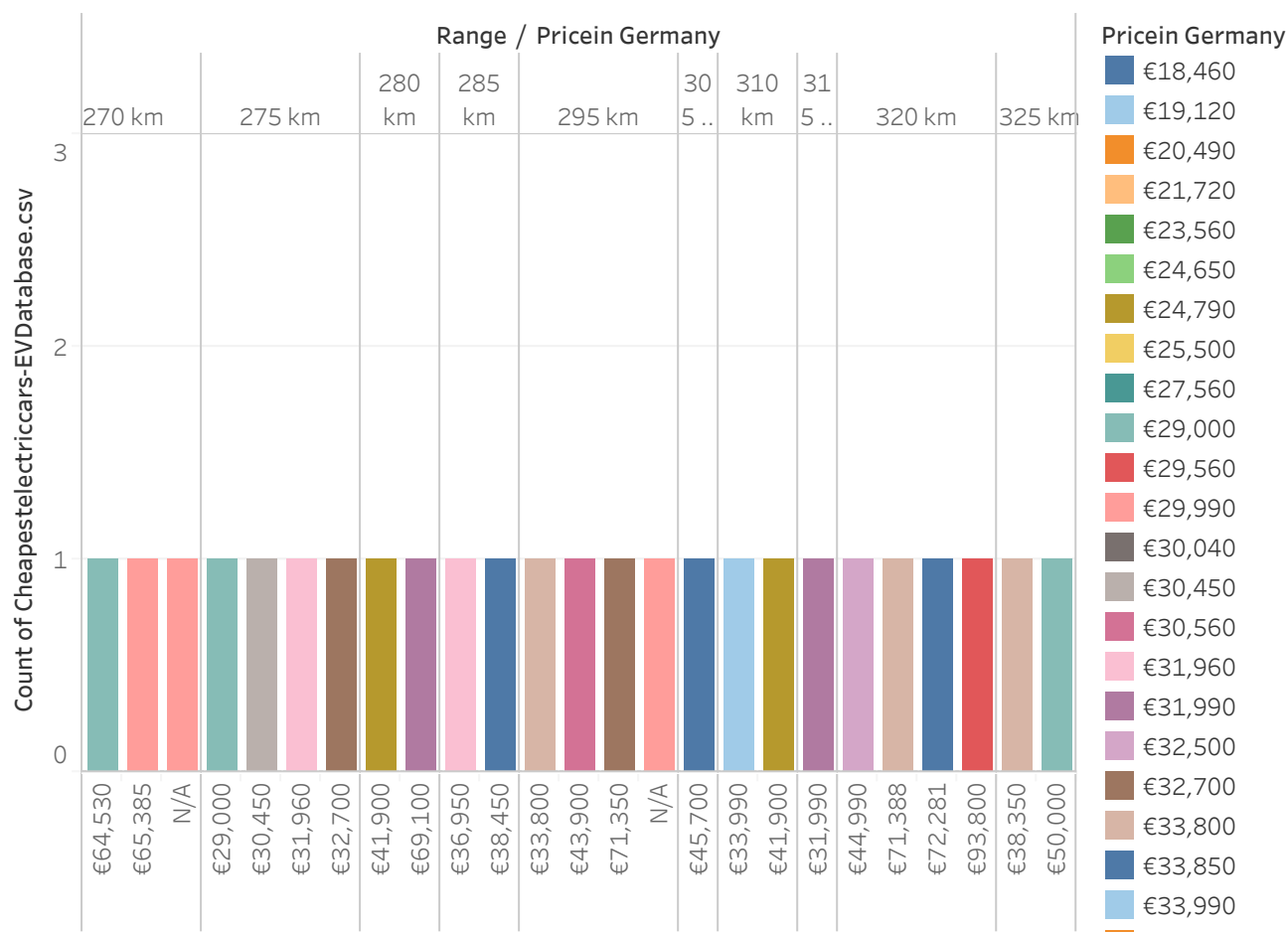

Count of Cheapestelectriccars-EVDatabase.csv for each Pricein Germany broken down by Range. Color shows details about Pricein Germany.

COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE

Range / Pricein Germany

Count of Cheapestelectriccars-EVDatabase.csv for each Pricein Germany broken down by Range. Color shows details about Pricein Germany.

Pricein Germany
- €18,460
- €19,120
- €20,490
- €21,720
- €23,560
- €24,650
- €24,790
- €25,500
- €27,560
- €29,000
- €29,560
- €29,990
- €30,040
- €30,450
- €30,560
- €31,960
- €31,990
- €32,500
- €32,700
- €33,800
- €33,850
- €33,990
- €34,110
- €34,490
- €34,640
- €34,850
- €34,995
- €35,000
- €35,290
- €35,350
- €35,450
- €35,650
- €35,993
- €36,495
- €36,770
- €36,950
- €37,590
- €37,790
- €38,000
- €38,350
- €38,450
- €38,850
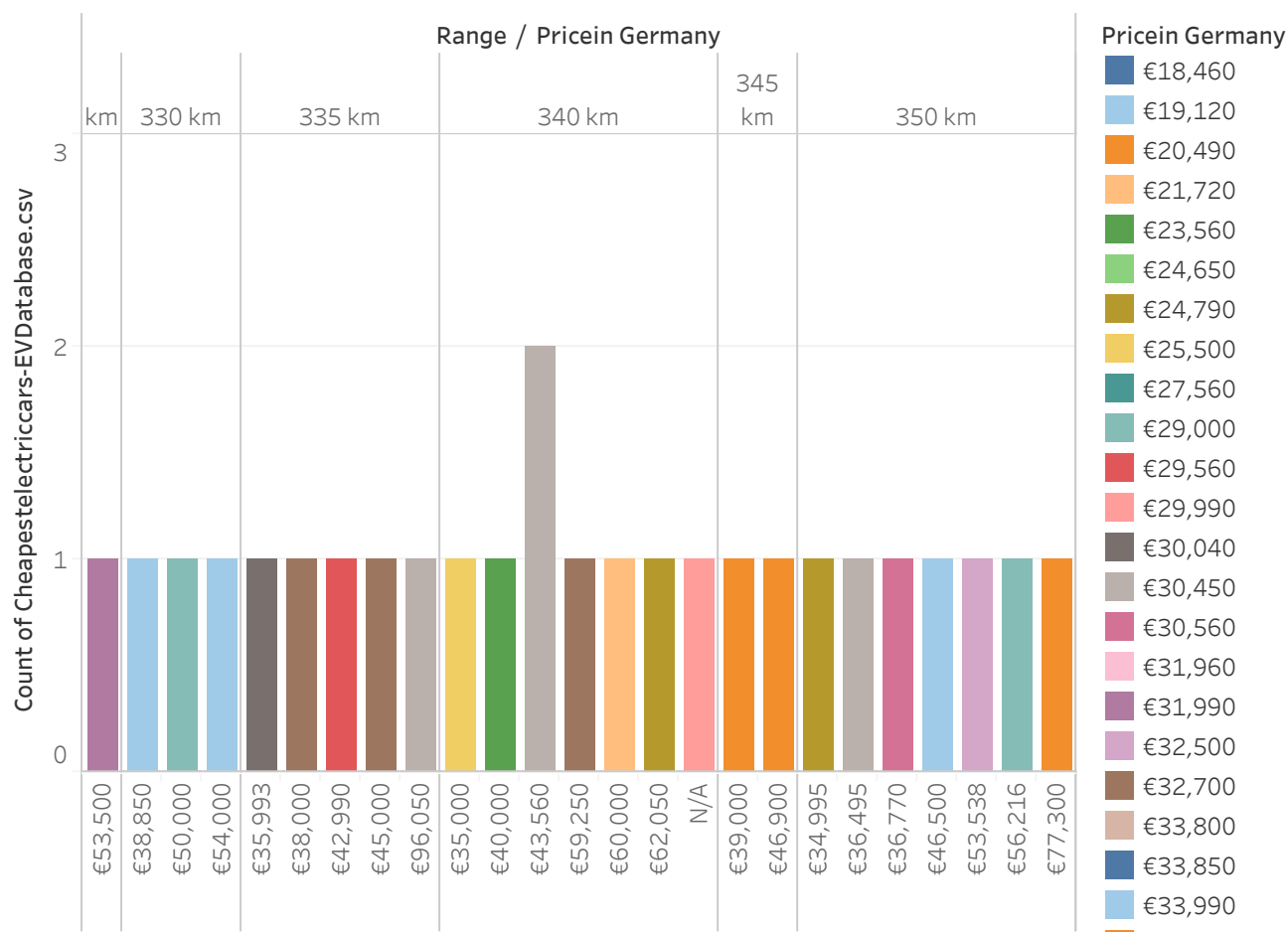- €39,000
- €39,090
- €40,000
- €41,850
- €41,900

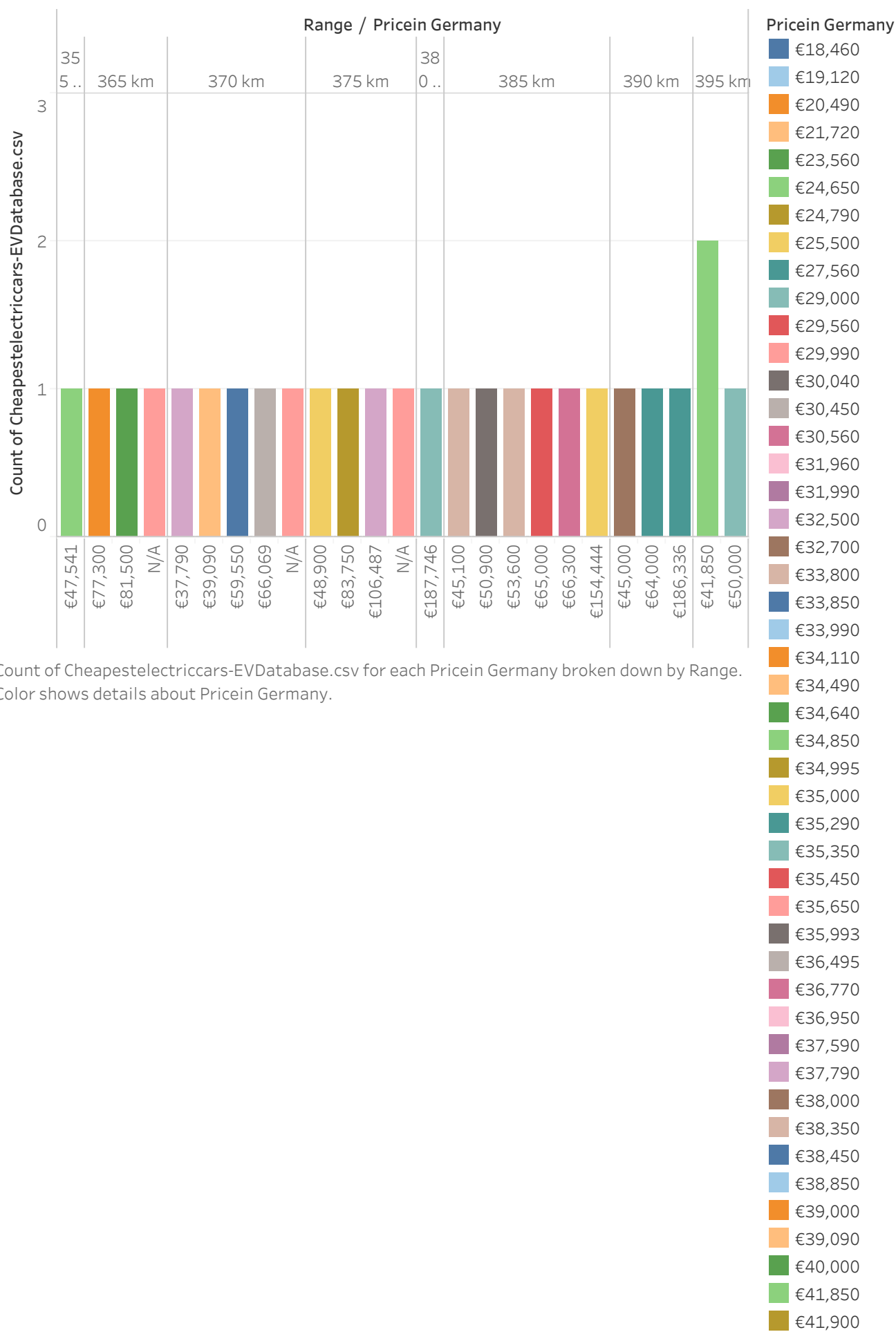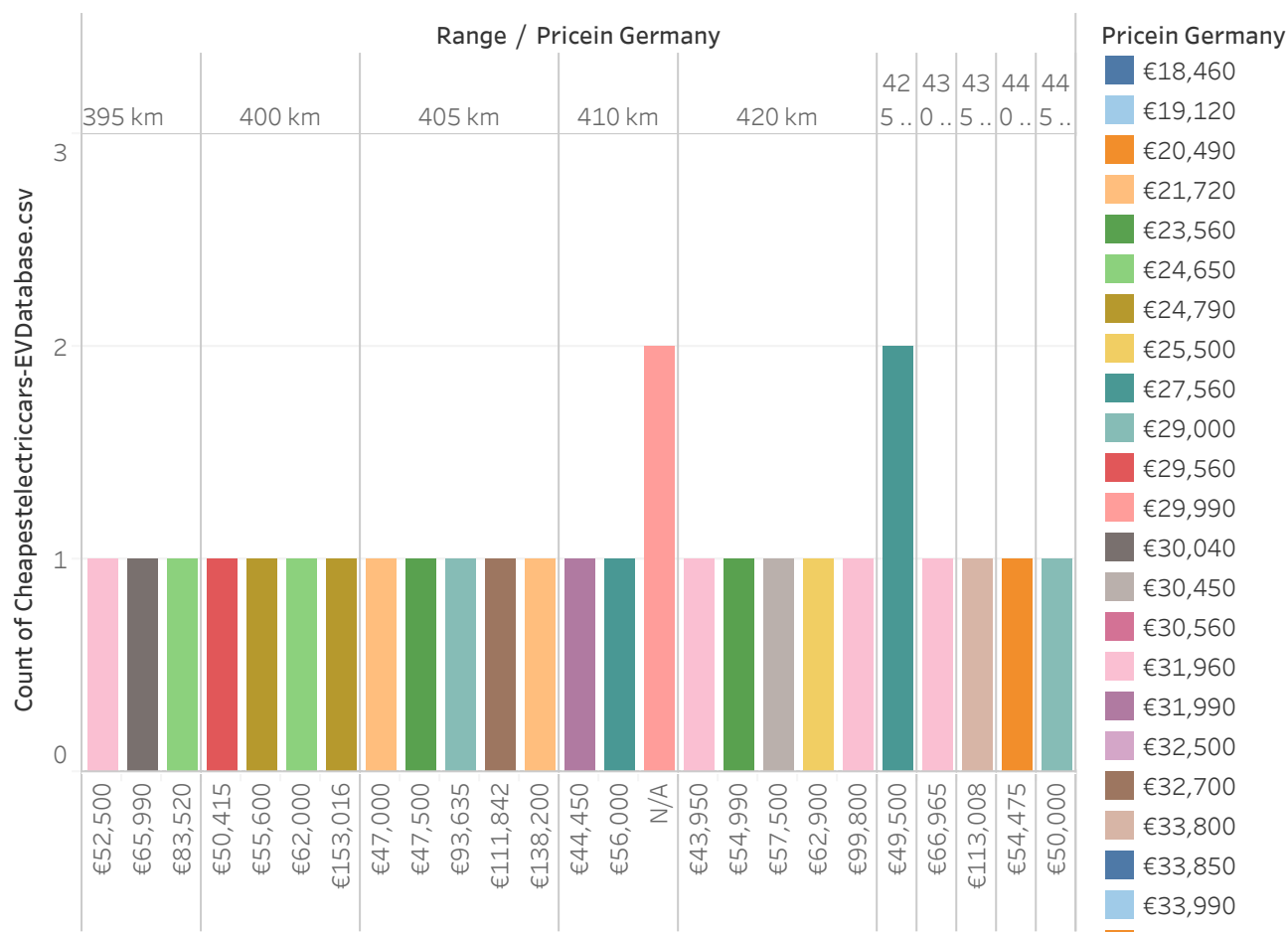# COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE

Count of Cheapestelectriccars-EVDatabase.csv for each Pricein Germany broken down by Range. Color shows details about Pricein Germany.
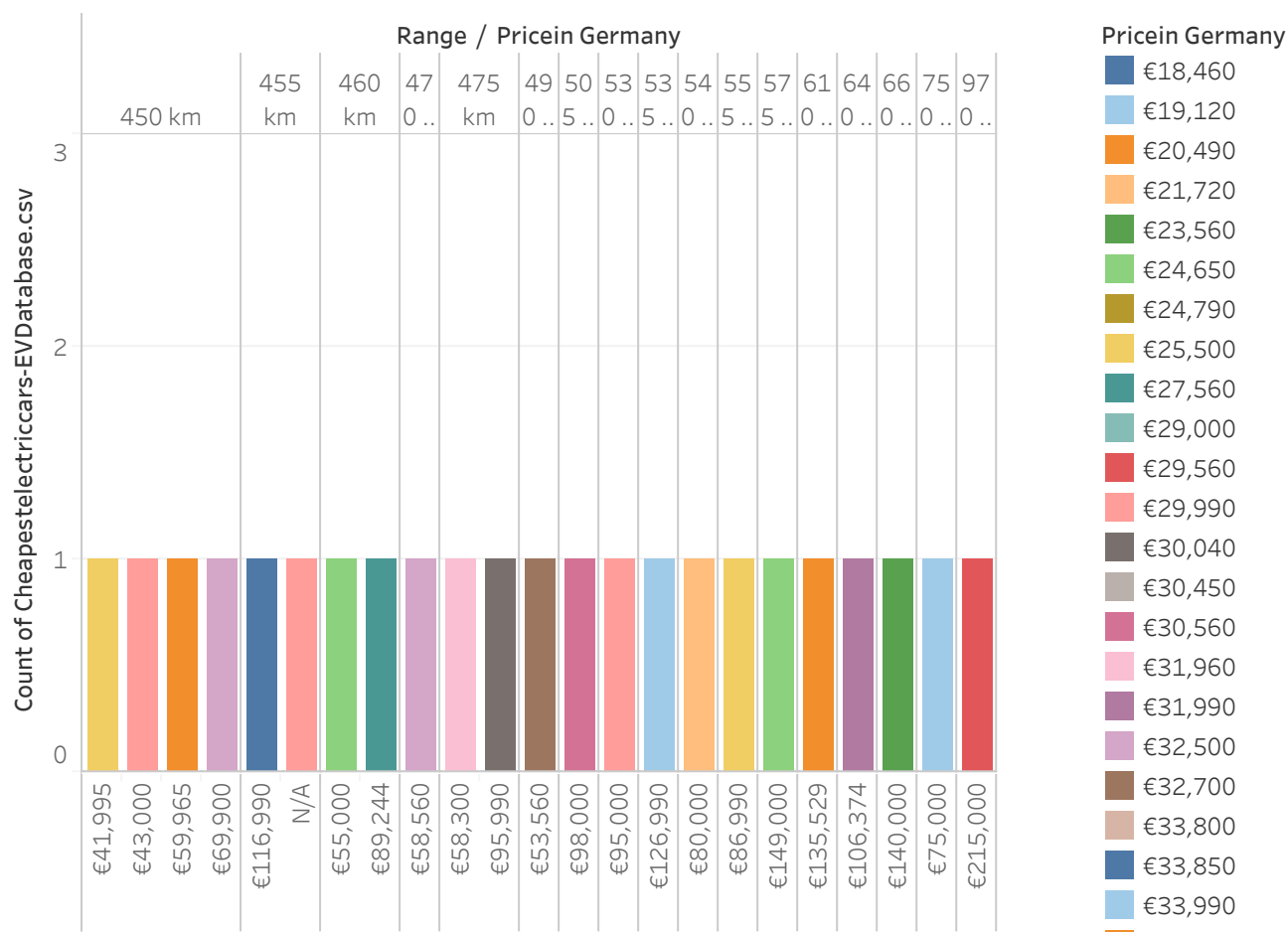
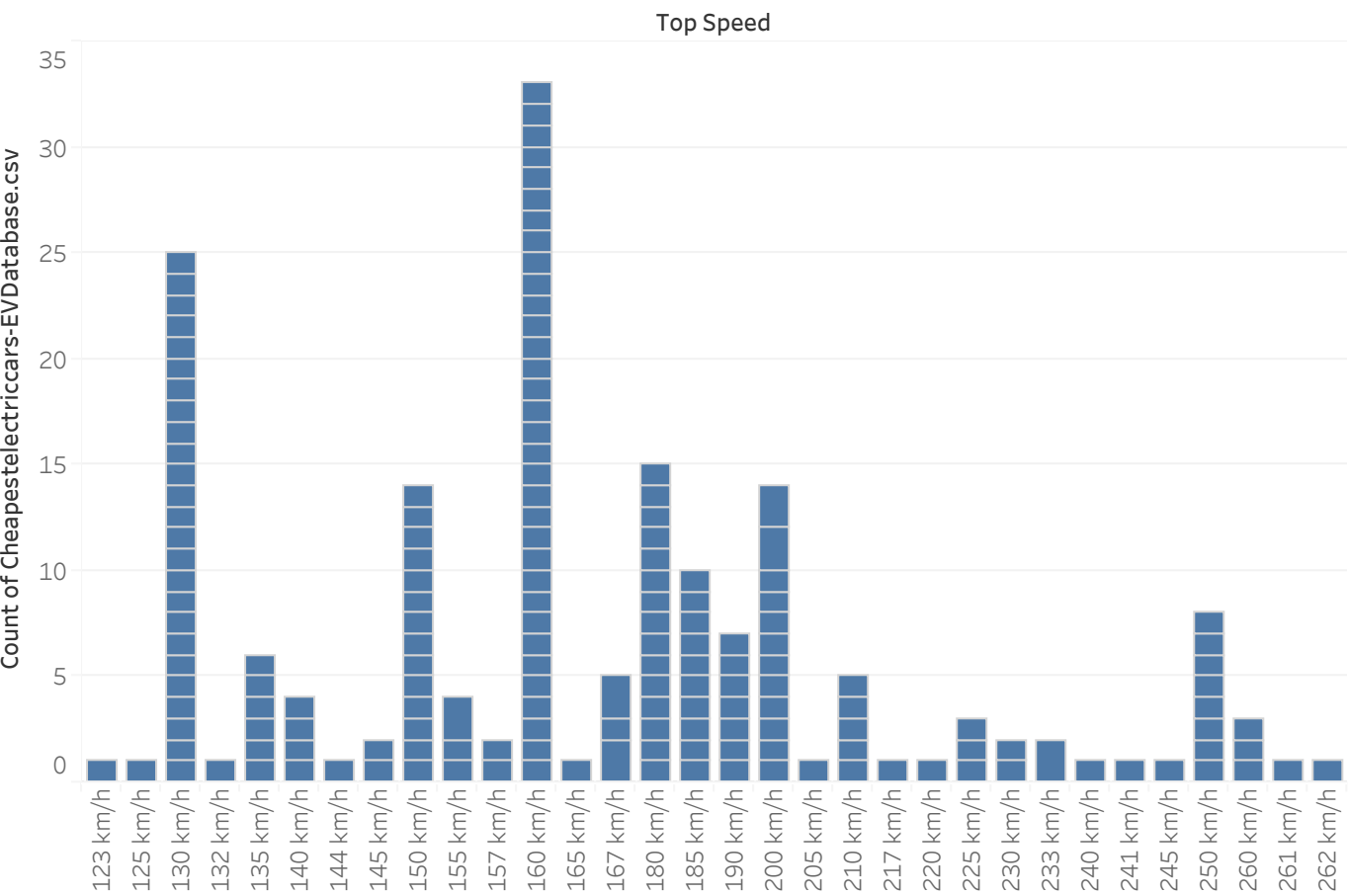# COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE

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COST OF EELCTRIC VEHICALS ACCORDING TO THEIR RANGE

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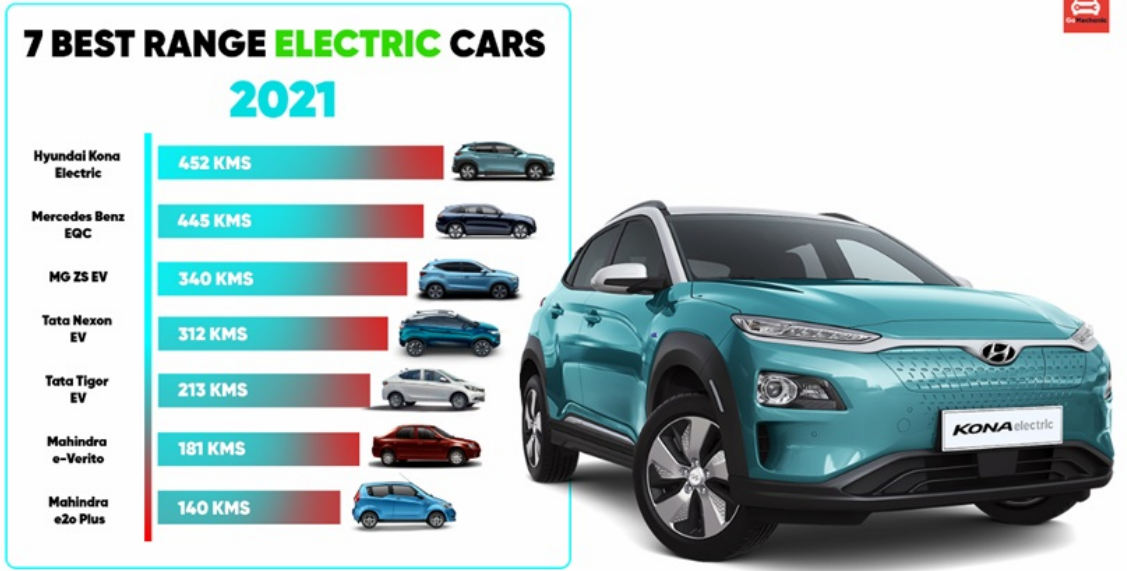# DIFFERENT BRANDS ACCORDING TO THEIR TOP SPEED IN INDIA

Top Speed

Count of Cheapestelectriccars-EVDatabase.csv for each Top Speed. Details are shown for Name.

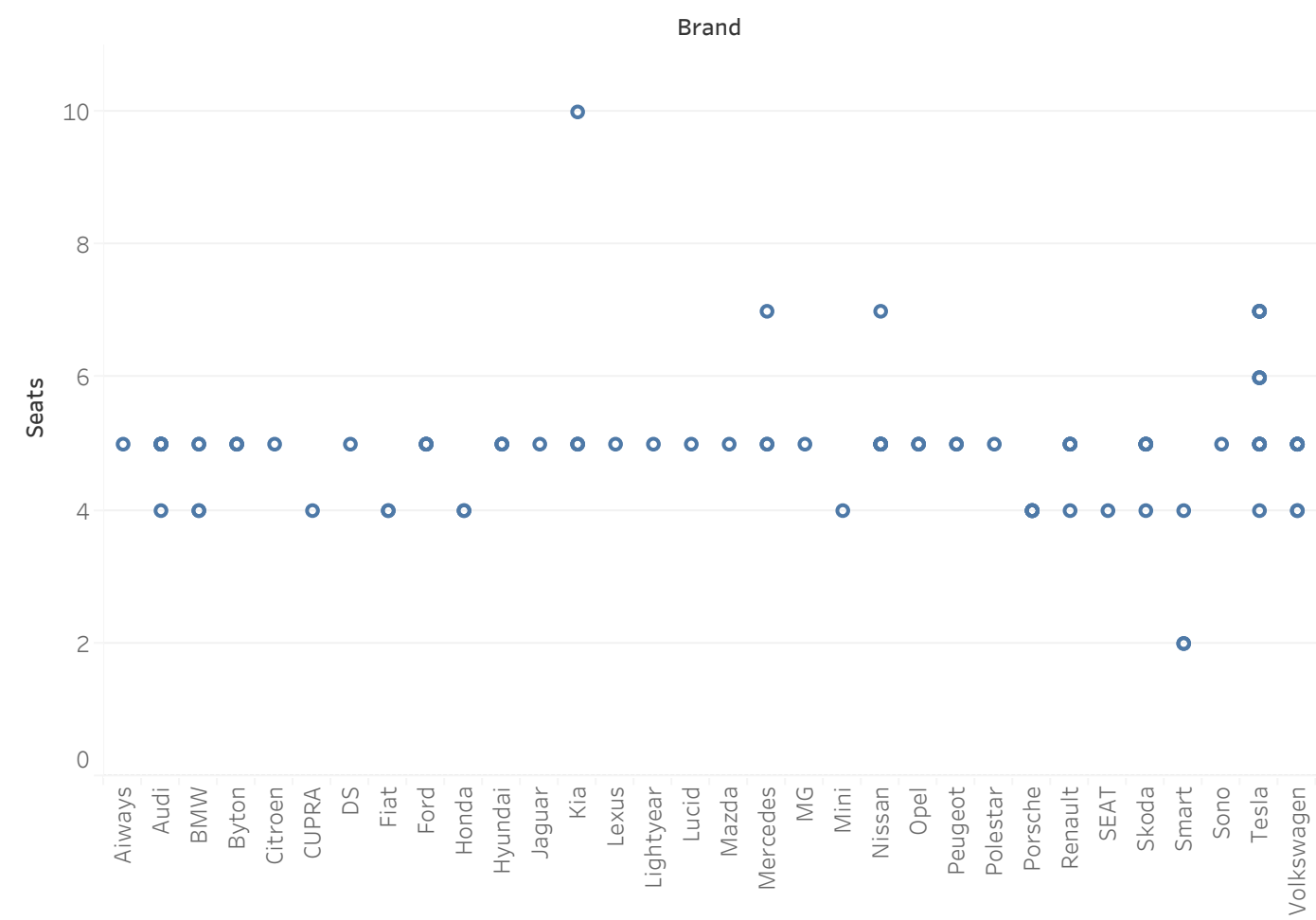# DIFFERENT BRANDS ACCORDING TO THEIR TOP SPEED IN INDIA

Top Speed

Count of Cheapestelectriccars-EVDatabase.csv for each Top Speed. Details are shown for Name.

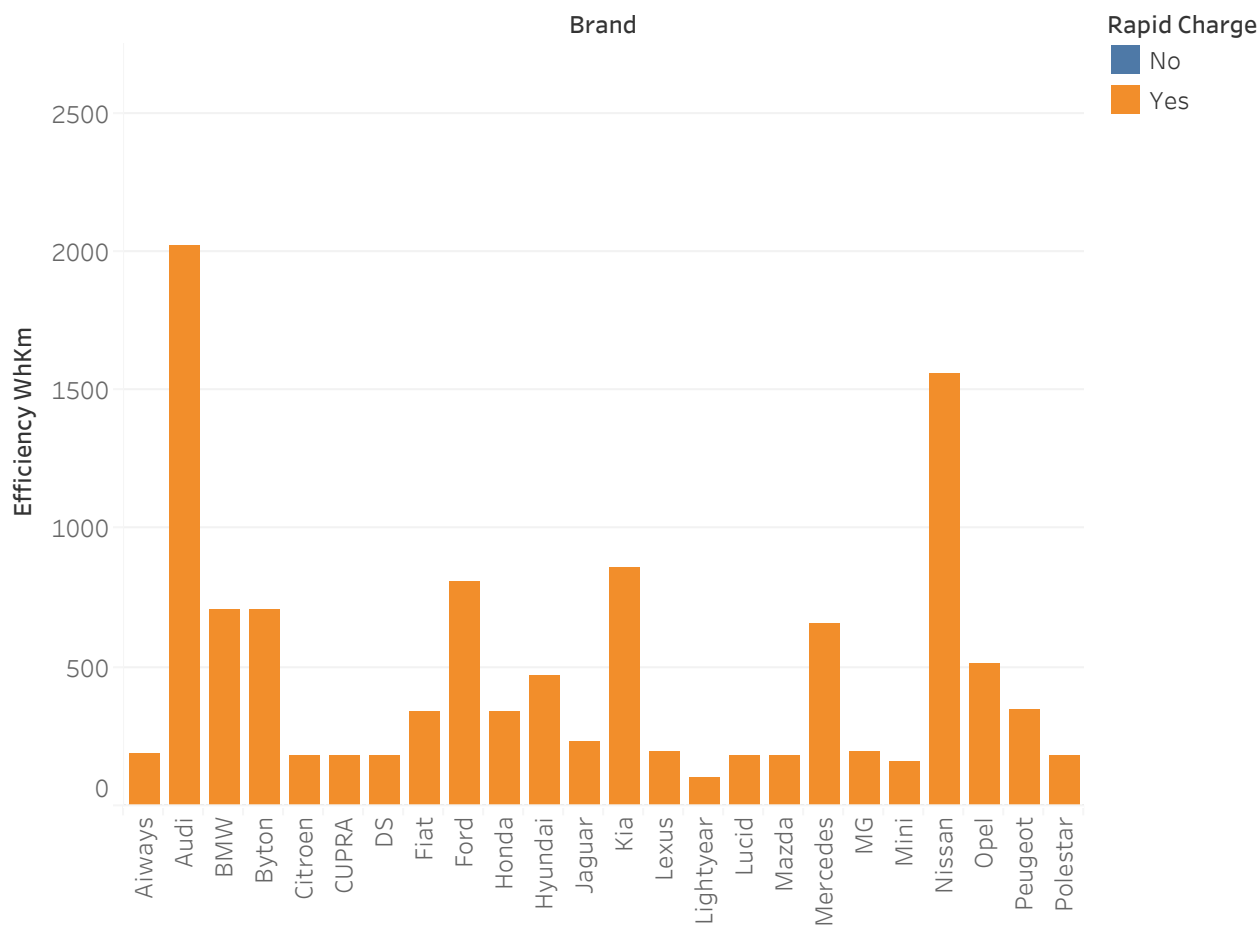# TOP BRANDS OF ELECTRIC VEHICLES

7 BEST RANGE ELECTRIC CARS 2021

Car	Range
Hyundai Kona Electric	452 KMS
Mercedes Benz EQC	445 KMS
MG ZS EV	340 KMS
Tata Nexon EV	312 KMS
Tata Tigor EV	213 KMS
Mahindra e-Verito	181 KMS
Mahindra e2o Plus	140 KMS

DIFFERENT BRANDS OF ELECTRIC VEHICLES

Brand

Sum of Seats for each Brand. Details are shown for Model.

DIFFERENT BRANDS OF ELECTRIC VEHICLES

Br..

Seats
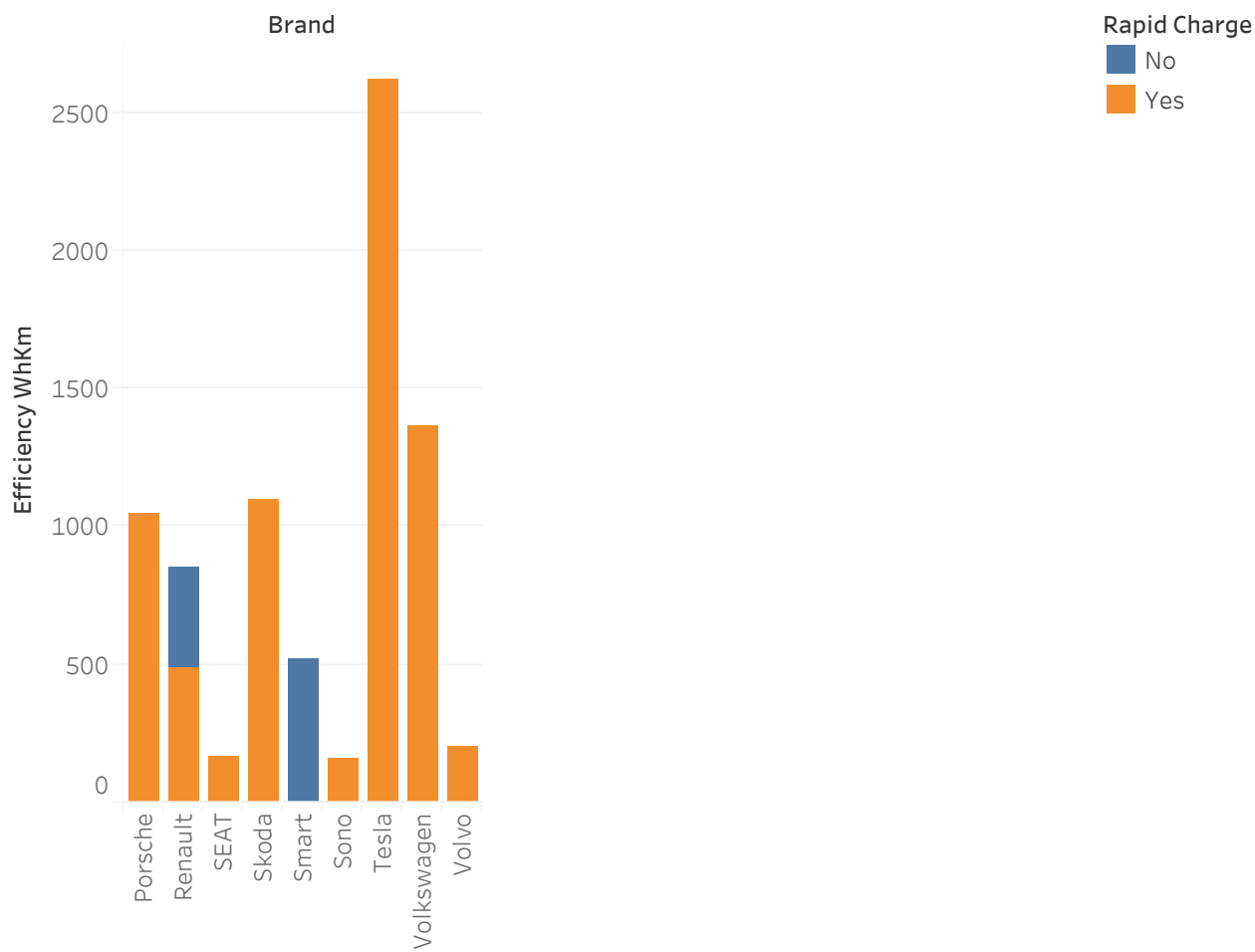
10

8

6

4

2

0

Volvo

Sum of Seats for each Brand. Details are shown for Model.
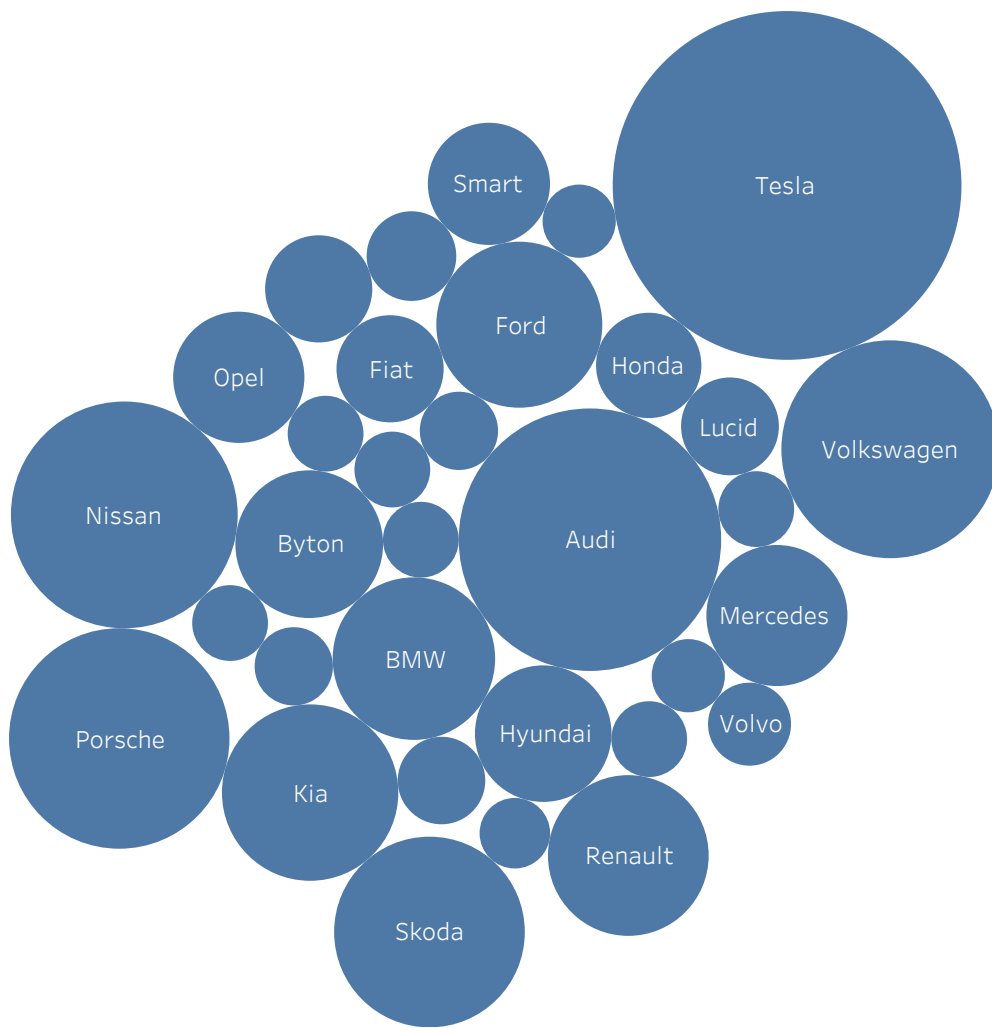
EFFICIENCY OF ELECTRIC VEHICLES IN DIFFERENT BRANDS

Brand

Sum of Efficiency WhKm for each Brand. Color shows details about Rapid Charge.

EFFICIENCY OF ELECTRIC VEHICLES IN DIFFERENT BRANDS
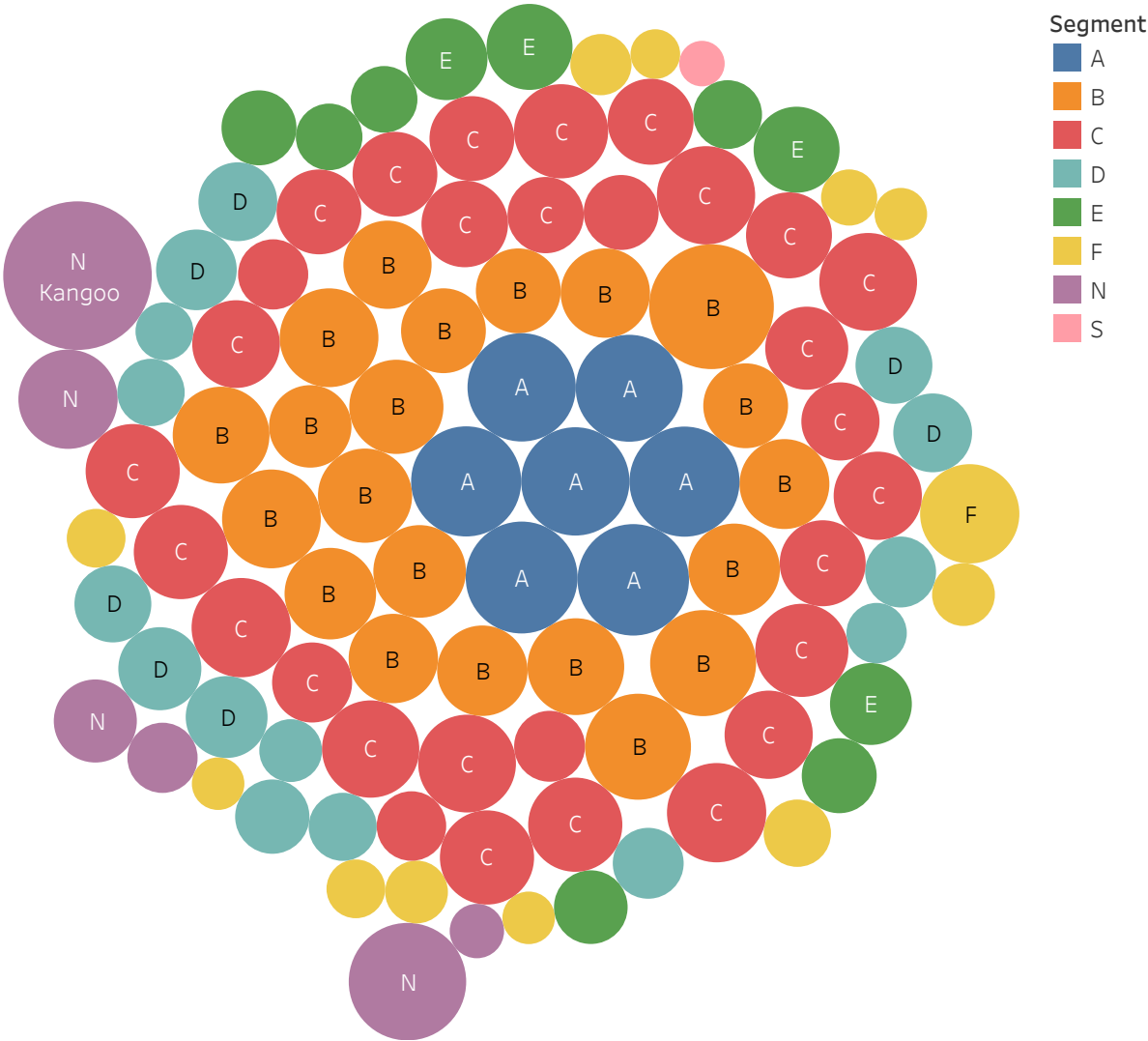
Brand

Rapid Charge
■ No
■ Yes

Sum of Efficiency WhKm for each Brand. Color shows details about Rapid Charge.

TOP SPEED OF DIFFERENT BRANDS IN KILO METER PER HOUR

Brand. Size shows sum of TopSpeed KmH. The marks are labeled by Brand.
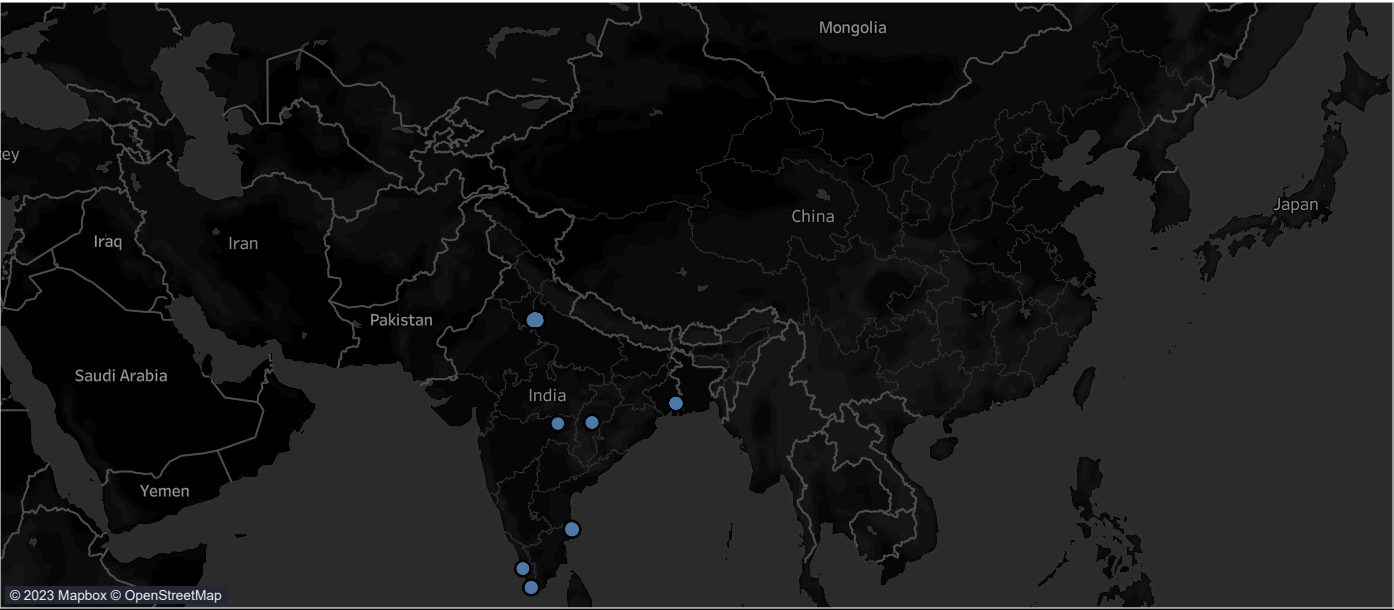
ACCELERATION OF DIFFERENT BRANDS IN INDIA

Segment, Model and Brand. Color shows details about Segment. Size shows sum of Accel Sec.
The marks are labeled by Segment, Model and Brand.

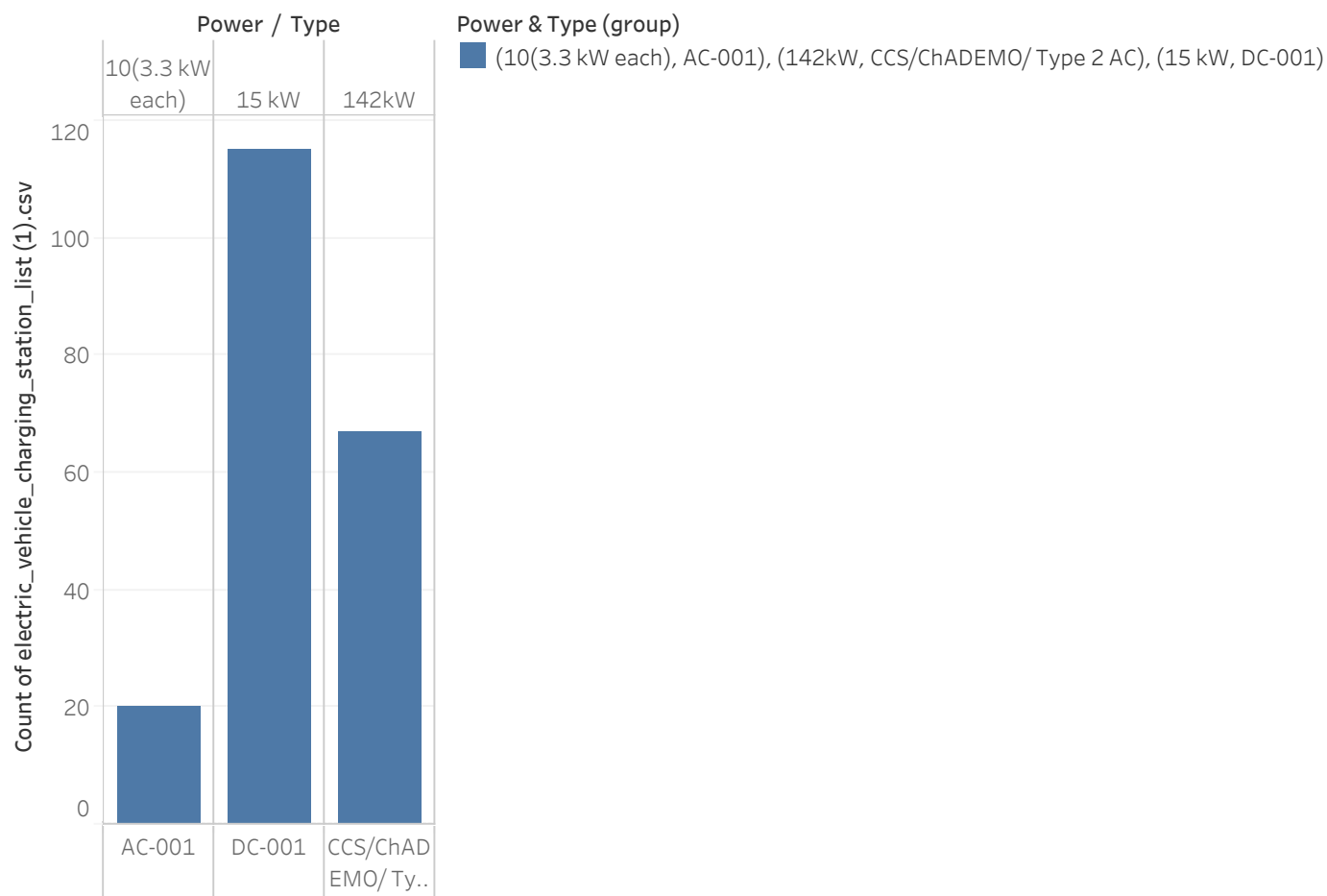# DETAILES OF CHARGING STATIONS IN INDIA

ELECTRICAL VEHICLE CHARGING STATION INDIA

Map based on average of Longitude and average of Latitude. Details are shown for Region and Address.

CHARGING STATION ACCORDING TO THEIR POWER IN Kw

Power / Type

Power & Type (group)
■ (10(3.3 kW each), AC-001), (142kW, CCS/ChADEMO/ Type 2 AC), (15 kW, DC-001)

Count of electric_vehicle_charging_station_list (1).csv for each Type broken down by Power. Color shows details about Power & Type (group).

CHARGING STATIONS OF DIFFERENT REGIONS IN INDIA ACCORDING TO POWER IN Kw

Map based on average of Longitude and average of Latitude. Details are shown for Region and Power.