

Centre code-0548

**KRISHNA COLLEGE OF ARTS
AND SCIENCE**

DATA ANALYTICS

VISUALIZATION TOOL FOR ELECTRIC
VEHICLE CHARGE AND RANGE
ANALYSIS

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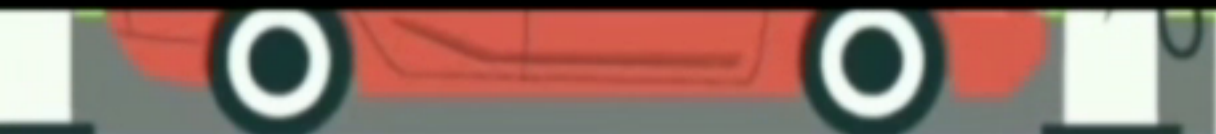
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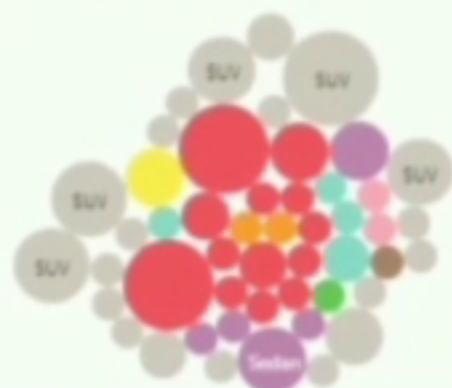
	Range	Transmiss	VehicleTy	PriceRang	Capacity	BootSpace	BaseModel	TopModel
Compact	1312 Km/Fi	Automatic	Electric	17.4	5 Seater	350 L	XM	Dark XZ Plus LUX
Compact	306 Km/Fi	Automatic	Electric	13.64	5 Seater	316 L	XE	XZ Plus Dual Tone
Compact	1437 Km/Fi	Automatic	Electric	19.24	5 Seater	350 L	XZ Plus 3.	XZ Plus Lux 7.2 kW
Compact	1419 Km/Fi	Automatic	Electric	25.88	5 Seater	448 L	Excite	Exclusive
Compact	1452 Km/Fi	Automatic	Electric	23.98	5 Seater	na	Premium	HSE
Medium	470 Km/Fi	Automatic	Electric	112	5 Seater	656 L	S	Sportback 55
Medium	388 Km/Fi	Automatic	Electric	180	5 Seater	405 L	Quattro	na
Compact	415 Km/Fi	Automatic	Electric	29.15	5 Seater	580 L	STD	na
Compact	1471 Km/Fi	Automatic	Electric	100	5 Seater	na	na	na
Medium	425 Km/Fi	Automatic	Electric	118	5 Seater	na	na	na
Medium	na	Automatic	Electric	150	4 Seater	na	na	na
Compact	1400 Km/Fi	Automatic	Electric	119	5 Seater	660 L	na	na

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Medium	470 Km/Fi	Automatic	Electric	112	5 Seater	656 L	S	Sportback SS
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Compact	1400 Km/Fi	Automatic	Electric	119	5 Seater	660 L	na	na

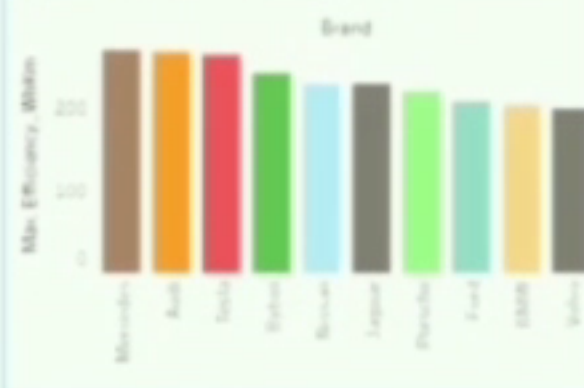
Name																			
Model	Acceleration	Top Speed	Range	Efficiency	Fast Charge	Drive	Number	Price in GE	Price in UK										
ery El-7.3 sec	150 km/h	335 km	173 Wh/ku	210 km/h	Front Whe		5 A	-42,990	N/A										
ery El-22.4 sec	130 km/h	160 km	194 Wh/ku		Front Whe		5 N/A		£131,680										
ery El-7.9 sec	144 km/h	220 km	164 Wh/ku	230 km/h	Front Whe		5 A	-29,990	£25,995										
ery El-5.7 sec	200 km/h	375 km	231 Wh/ku	600 km/h	All Wheel		5 N/A		£79,900										
ery El-2.8 sec	260 km/h	390 km	215 Wh/ku	860 km/h	All Wheel		4 A	-186,330	£138,830										
ery El-14.0 sec	123 km/h	165 km	218 Wh/ku	170 km/h	Front Whe		7 A	-43,433	£30,255										
ery El-8.9 sec	180 km/h	275 km	164 Wh/ku	260 km/h	Rear Whe		5 A	-31,960	£27,120										
ery El-6.8 sec	180 km/h	385 km	192 Wh/ku	520 km/h	Rear Whe		5 A	-66,300	£58,850										
ery El-7.3 sec	157 km/h	325 km	172 Wh/ku	390 km/h	Front Whe		5 A	-38,350	£30,445										
ery El-7.3 sec	150 km/h	235 km	161 Wh/ku	270 km/h	Rear Whe		4 A	-39,000	£31,305										
ery El-8.9 sec	160 km/h	355 km	187 Wh/ku	420 km/h	Front Whe		5 A	-47,541	£43,495										
ery El-8.7 sec	150 km/h	250 km	180 Wh/ku	330 km/h	Front Whe		5 A	-30,040	£31,500										
ery El-6.9 sec	160 km/h	230 km	165 Wh/ku	260 km/h	Rear Whe		4 A	-42,600	£32,305										
ery El-9.0 sec	140 km/h	260 km	181 Wh/ku	310 km/h	Front Whe		5 A	-25,500	N/A										
ery El-3.3 sec	250 km/h	405 km	210 Wh/ku	810 km/h	All Wheel		4 A	-138,200	£110,950										
ery El-7.9 sec	167 km/h	370 km	173 Wh/ku	350 km/h	Front Whe		5 N/A		£37,545										
ery El-11.4 sec	135 km/h	315 km	165 Wh/ku	230 km/h	Front Whe		5 A	-31,990	£26,795										
ery El-9.7 sec	165 km/h	250 km	153 Wh/ku	220 km/h	Front Whe		5 A	-35,350	£30,550										
ery El-10.0 sec	150 km/h	375 km	104 Wh/ku	580 km/h	All Wheel		5 A	-149,000	N/A										



According to Bodystyle



Top 10 most efficient brands



Sorted by Power Train type



Different EV cars in India



Car

- Nissan
- Audi E-Tron
- Audi E-Tron GT
- BMW iX
- BYD EQ
- Hyundai Kona Electric
- Jeep i-Pace
- Mercedes-Benz EQ
- MG ZS EV
- Porsche Taycan
- Tesla Model S
- Tesla Model X
- Tesla Model Y

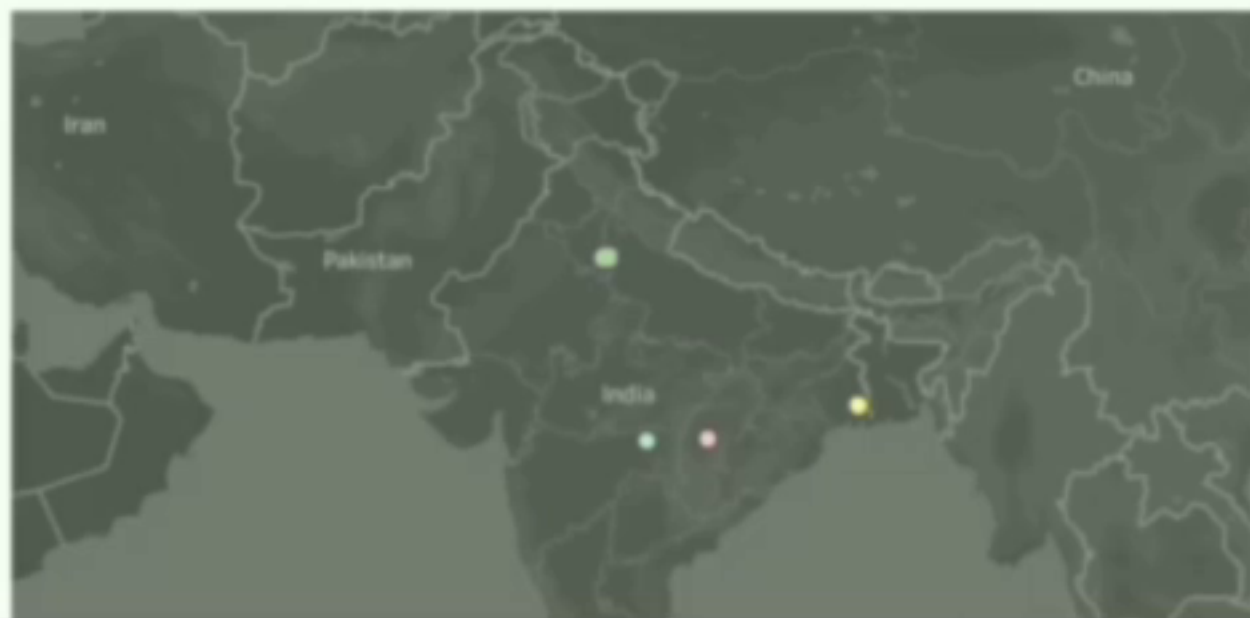
story of electric cars in India

< Charging stations in India

charging station by region and type

price of electric cars by different brands

different brands and number of models >



region

- Tamil Nadu
- Kerala
- Andhra Pradesh
- Odisha
- West Bengal
- Madhya Pradesh
- Uttar Pradesh
- Delhi

story of electric cars in India



Charging stations in India

charging station by region and type

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Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

1. Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

2. Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

3. Learn how to use the facilitation tools

Use the Facilitation Superpowers to run a happy and productive session.



Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

Problem
Visualization tool for
electric vehicle charge and
range analysis



Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

Person 1

Problem Statement			

Person 2

Problem Statement			