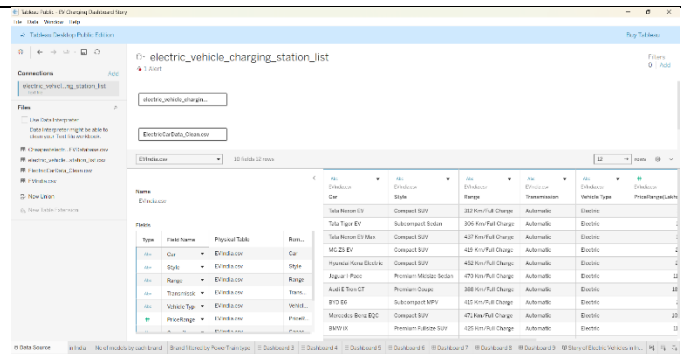


Project Development Phase

Model Performance Test

Date	30 June 2025
Team ID	LTVIP2025TMID50516
Project Name	Visualization Tool for Electric Vehicle Charge and Range Analysis
Maximum Marks	

Model Performance Testing:

S.No.	Parameter	Screenshot / Values																																																																																																																																																																																																																																																																																																																																																																												
1.	Data Rendered																																																																																																																																																																																																																																																																																																																																																																													
2.	Data Preprocessing	<table><tr><th>Brand</th><th>Model</th><th>AccelSec</th><th>TopSpeed</th><th>Range_Km</th><th>Efficiency</th><th>FastCharg</th><th>RapidCharg</th><th>Power(kW)</th><th>PlugType</th><th>BodyStyle</th><th>Segment</th><th>Seats</th><th>PriceEuro</th></tr><tr><td>Tesla</td><td>Model 3 L</td><td>4.6</td><td>233</td><td>450</td><td>161</td><td>940</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>Sedan</td><td>D</td><td>5</td><td>55480</td></tr><tr><td>Volkswagen</td><td>ID.3 Pure</td><td>10</td><td>160</td><td>270</td><td>167</td><td>250</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>Hatchback</td><td>C</td><td>5</td><td>30000</td></tr><tr><td>Polestar</td><td>DX3</td><td>4.7</td><td>210</td><td>400</td><td>181</td><td>620</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>Liftback</td><td>D</td><td>5</td><td>56440</td></tr><tr><td>BMW</td><td>ix3</td><td>6.8</td><td>180</td><td>360</td><td>206</td><td>560</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>SUV</td><td>D</td><td>5</td><td>68040</td></tr><tr><td>Honda</td><td>e</td><td>9.5</td><td>145</td><td>170</td><td>168</td><td>190</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>Hatchback</td><td>B</td><td>4</td><td>32997</td></tr><tr><td>Lucid</td><td>Air</td><td>2.8</td><td>250</td><td>610</td><td>180</td><td>620</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>Sedan</td><td>F</td><td>5</td><td>105000</td></tr><tr><td>Volkswagen</td><td>e-Golf</td><td>9.6</td><td>150</td><td>190</td><td>168</td><td>220</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>Hatchback</td><td>C</td><td>5</td><td>31900</td></tr><tr><td>Peugeot</td><td>e-208</td><td>8.1</td><td>150</td><td>275</td><td>164</td><td>420</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>Hatchback</td><td>B</td><td>5</td><td>29682</td></tr><tr><td>Tesla</td><td>Model 3 S</td><td>5.6</td><td>225</td><td>310</td><td>153</td><td>650</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>Sedan</td><td>D</td><td>5</td><td>46380</td></tr><tr><td>Audi</td><td>Q4 e-tron</td><td>6.3</td><td>180</td><td>400</td><td>193</td><td>540</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>SUV</td><td>D</td><td>5</td><td>55000</td></tr><tr><td>Mercedes</td><td>EQC 400 4</td><td>5.1</td><td>180</td><td>370</td><td>216</td><td>440</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>SUV</td><td>D</td><td>5</td><td>69484</td></tr><tr><td>Nissan</td><td>Leaf</td><td>7.9</td><td>144</td><td>220</td><td>164</td><td>230</td><td>Yes</td><td>FWD</td><td>Type 2 CH</td><td>Hatchback</td><td>C</td><td>5</td><td>29234</td></tr><tr><td>Hyundai</td><td>Kona Elect</td><td>7.9</td><td>167</td><td>400</td><td>160</td><td>380</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>SUV</td><td>B</td><td>5</td><td>40795</td></tr><tr><td>BMW</td><td>i4</td><td>4</td><td>200</td><td>450</td><td>178</td><td>650</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>Sedan</td><td>D</td><td>5</td><td>65000</td></tr><tr><td>Hyundai</td><td>IONIQ Elec</td><td>9.7</td><td>165</td><td>250</td><td>153</td><td>210</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>Liftback</td><td>C</td><td>5</td><td>34459</td></tr><tr><td>Volkswagen</td><td>ID.3 Pro S</td><td>7.9</td><td>160</td><td>440</td><td>175</td><td>590</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>Hatchback</td><td>C</td><td>4</td><td>40936</td></tr><tr><td>Porsche</td><td>Taycan Tu</td><td>2.8</td><td>260</td><td>375</td><td>223</td><td>780</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>Sedan</td><td>F</td><td>4</td><td>180781</td></tr><tr><td>Volkswagen</td><td>e-Up!</td><td>11.9</td><td>130</td><td>195</td><td>166</td><td>170</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>Hatchback</td><td>A</td><td>4</td><td>21421</td></tr><tr><td>MG</td><td>ZS EV</td><td>8.2</td><td>140</td><td>220</td><td>193</td><td>260</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>SUV</td><td>B</td><td>5</td><td>30000</td></tr><tr><td>Mini</td><td>Cooper SE</td><td>7.3</td><td>150</td><td>185</td><td>156</td><td>260</td><td>Yes</td><td>FWD</td><td>Type 2 CH</td><td>Hatchback</td><td>B</td><td>4</td><td>31681</td></tr><tr><td>Opel</td><td>Corsa-e</td><td>8.1</td><td>150</td><td>275</td><td>164</td><td>420</td><td>Yes</td><td>FWD</td><td>Type 2 CC</td><td>Hatchback</td><td>B</td><td>5</td><td>29146</td></tr><tr><td>Tesla</td><td>Model Y L</td><td>5.1</td><td>217</td><td>425</td><td>171</td><td>930</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>SUV</td><td>D</td><td>7</td><td>58620</td></tr><tr><td>Skoda</td><td>Enyaq iV S</td><td>10</td><td>160</td><td>290</td><td>179</td><td>230</td><td>Yes</td><td>RWD</td><td>Type 2 CC</td><td>SUV</td><td>C</td><td>5</td><td>35000</td></tr><tr><td>Audi</td><td>e-tron GT</td><td>3.5</td><td>240</td><td>425</td><td>197</td><td>850</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>Sedan</td><td>F</td><td>4</td><td>125000</td></tr><tr><td>Tesla</td><td>Model 3 L</td><td>3.4</td><td>261</td><td>435</td><td>167</td><td>910</td><td>Yes</td><td>AWD</td><td>Type 2 CC</td><td>Sedan</td><td>D</td><td>5</td><td>61480</td></tr></table>	Brand	Model	AccelSec	TopSpeed	Range_Km	Efficiency	FastCharg	RapidCharg	Power(kW)	PlugType	BodyStyle	Segment	Seats	PriceEuro	Tesla	Model 3 L	4.6	233	450	161	940	Yes	AWD	Type 2 CC	Sedan	D	5	55480	Volkswagen	ID.3 Pure	10	160	270	167	250	Yes	RWD	Type 2 CC	Hatchback	C	5	30000	Polestar	DX3	4.7	210	400	181	620	Yes	AWD	Type 2 CC	Liftback	D	5	56440	BMW	ix3	6.8	180	360	206	560	Yes	RWD	Type 2 CC	SUV	D	5	68040	Honda	e	9.5	145	170	168	190	Yes	RWD	Type 2 CC	Hatchback	B	4	32997	Lucid	Air	2.8	250	610	180	620	Yes	AWD	Type 2 CC	Sedan	F	5	105000	Volkswagen	e-Golf	9.6	150	190	168	220	Yes	FWD	Type 2 CC	Hatchback	C	5	31900	Peugeot	e-208	8.1	150	275	164	420	Yes	FWD	Type 2 CC	Hatchback	B	5	29682	Tesla	Model 3 S	5.6	225	310	153	650	Yes	RWD	Type 2 CC	Sedan	D	5	46380	Audi	Q4 e-tron	6.3	180	400	193	540	Yes	AWD	Type 2 CC	SUV	D	5	55000	Mercedes	EQC 400 4	5.1	180	370	216	440	Yes	AWD	Type 2 CC	SUV	D	5	69484	Nissan	Leaf	7.9	144	220	164	230	Yes	FWD	Type 2 CH	Hatchback	C	5	29234	Hyundai	Kona Elect	7.9	167	400	160	380	Yes	FWD	Type 2 CC	SUV	B	5	40795	BMW	i4	4	200	450	178	650	Yes	RWD	Type 2 CC	Sedan	D	5	65000	Hyundai	IONIQ Elec	9.7	165	250	153	210	Yes	FWD	Type 2 CC	Liftback	C	5	34459	Volkswagen	ID.3 Pro S	7.9	160	440	175	590	Yes	RWD	Type 2 CC	Hatchback	C	4	40936	Porsche	Taycan Tu	2.8	260	375	223	780	Yes	AWD	Type 2 CC	Sedan	F	4	180781	Volkswagen	e-Up!	11.9	130	195	166	170	Yes	FWD	Type 2 CC	Hatchback	A	4	21421	MG	ZS EV	8.2	140	220	193	260	Yes	FWD	Type 2 CC	SUV	B	5	30000	Mini	Cooper SE	7.3	150	185	156	260	Yes	FWD	Type 2 CH	Hatchback	B	4	31681	Opel	Corsa-e	8.1	150	275	164	420	Yes	FWD	Type 2 CC	Hatchback	B	5	29146	Tesla	Model Y L	5.1	217	425	171	930	Yes	AWD	Type 2 CC	SUV	D	7	58620	Skoda	Enyaq iV S	10	160	290	179	230	Yes	RWD	Type 2 CC	SUV	C	5	35000	Audi	e-tron GT	3.5	240	425	197	850	Yes	AWD	Type 2 CC	Sedan	F	4	125000	Tesla	Model 3 L	3.4	261	435	167	910	Yes	AWD	Type 2 CC	Sedan	D	5	61480
Brand	Model	AccelSec	TopSpeed	Range_Km	Efficiency	FastCharg	RapidCharg	Power(kW)	PlugType	BodyStyle	Segment	Seats	PriceEuro																																																																																																																																																																																																																																																																																																																																																																	
Tesla	Model 3 L	4.6	233	450	161	940	Yes	AWD	Type 2 CC	Sedan	D	5	55480																																																																																																																																																																																																																																																																																																																																																																	
Volkswagen	ID.3 Pure	10	160	270	167	250	Yes	RWD	Type 2 CC	Hatchback	C	5	30000																																																																																																																																																																																																																																																																																																																																																																	
Polestar	DX3	4.7	210	400	181	620	Yes	AWD	Type 2 CC	Liftback	D	5	56440																																																																																																																																																																																																																																																																																																																																																																	
BMW	ix3	6.8	180	360	206	560	Yes	RWD	Type 2 CC	SUV	D	5	68040																																																																																																																																																																																																																																																																																																																																																																	
Honda	e	9.5	145	170	168	190	Yes	RWD	Type 2 CC	Hatchback	B	4	32997																																																																																																																																																																																																																																																																																																																																																																	
Lucid	Air	2.8	250	610	180	620	Yes	AWD	Type 2 CC	Sedan	F	5	105000																																																																																																																																																																																																																																																																																																																																																																	
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Peugeot	e-208	8.1	150	275	164	420	Yes	FWD	Type 2 CC	Hatchback	B	5	29682																																																																																																																																																																																																																																																																																																																																																																	
Tesla	Model 3 S	5.6	225	310	153	650	Yes	RWD	Type 2 CC	Sedan	D	5	46380																																																																																																																																																																																																																																																																																																																																																																	
Audi	Q4 e-tron	6.3	180	400	193	540	Yes	AWD	Type 2 CC	SUV	D	5	55000																																																																																																																																																																																																																																																																																																																																																																	
Mercedes	EQC 400 4	5.1	180	370	216	440	Yes	AWD	Type 2 CC	SUV	D	5	69484																																																																																																																																																																																																																																																																																																																																																																	
Nissan	Leaf	7.9	144	220	164	230	Yes	FWD	Type 2 CH	Hatchback	C	5	29234																																																																																																																																																																																																																																																																																																																																																																	
Hyundai	Kona Elect	7.9	167	400	160	380	Yes	FWD	Type 2 CC	SUV	B	5	40795																																																																																																																																																																																																																																																																																																																																																																	
BMW	i4	4	200	450	178	650	Yes	RWD	Type 2 CC	Sedan	D	5	65000																																																																																																																																																																																																																																																																																																																																																																	
Hyundai	IONIQ Elec	9.7	165	250	153	210	Yes	FWD	Type 2 CC	Liftback	C	5	34459																																																																																																																																																																																																																																																																																																																																																																	
Volkswagen	ID.3 Pro S	7.9	160	440	175	590	Yes	RWD	Type 2 CC	Hatchback	C	4	40936																																																																																																																																																																																																																																																																																																																																																																	
Porsche	Taycan Tu	2.8	260	375	223	780	Yes	AWD	Type 2 CC	Sedan	F	4	180781																																																																																																																																																																																																																																																																																																																																																																	
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3. Utilization of Filters

Filter [Power Train] ✕

General Wildcard Condition Top

☒ Select from list ☐ Custom value list ☐ Use all ☰

Enter search text

☒ AWD
☒ FWD
☐ RWD

All None ☐ Exclude

Summary

Field: [Power Train]
Selection: Selected 2 of 3 values
Wildcard: All
Condition: None
Limit: None

Reset OK Cancel Apply

EV Tankless Desktop Public Center

Over Tabular

Top speed for different Brands

Brand

Max Velocity (km/h)

Legend

BACK

NEXT

Top 10 most efficient EV Brands

Brand

Max efficiency (kWh)

BACK

NEXT

EV Tankless Desktop Public Center

Over Tabular

Brands according to Body Style

Body Style

Brand

NEXT

BACK

EV Tankless Desktop Public Center

Over Tabular

Charging Stations by Region and Type

Region

Station Type

Station Type

BACK

NEXT

Price for different cars in India

Car

Price (₹)

BACK

NEXT

EV Tankless Desktop Public Center

Over Tabular

EV Charging stations map of India

Region

EV Charging stations map of India

Brand

Brand

BACK

NEXT

Price for different cars in India

EV Charging stations map of India

Brand

Brand

BACK

NEXT

		<div><div>Tableau Desktop Public Edition</div><div>Story Timeline</div><div><div>Different EV cars in India</div><div><div>NEXT</div><div>BACK</div></div><div><div>Price for different cars in India</div><div>No of models by each brand</div><div>Brand Filtered by Power/Tran type</div><div>Dashboard 3</div><div>Dashboard 4</div><div>Dashboard 5</div><div>Dashboard 6</div><div>Dashboard 7</div><div>Dashboard 8</div><div>Dashboard 9</div><div>Story of Electric Vehicles in India</div></div></div><div><div>Tableau Desktop Public Edition</div><div>Story Timeline</div><div><div>No of models by each brand</div><div><div>BACK</div></div><div><div>Price for different cars in India</div><div>No of models by each brand</div><div>Brand Filtered by Power/Tran type</div><div>Dashboard 3</div><div>Dashboard 4</div><div>Dashboard 5</div><div>Dashboard 6</div><div>Dashboard 7</div><div>Dashboard 8</div><div>Dashboard 9</div><div>Story of Electric Vehicles in India</div></div></div></div></div>
6	Story Design	<div>No of Visualizations / Graphs – 9</div> <div><div>Tableau Desktop Public Edition</div><div>Story Timeline</div><div><div>Story of Electric Vehicles in India</div><div><div>NEXT</div><div>BACK</div></div><div><div>Price for different cars in India</div><div>No of models by each brand</div><div>Brand Filtered by Power/Tran type</div><div>Dashboard 3</div><div>Dashboard 4</div><div>Dashboard 5</div><div>Dashboard 6</div><div>Dashboard 7</div><div>Dashboard 8</div><div>Dashboard 9</div><div>Story of Electric Vehicles in India</div></div></div></div>