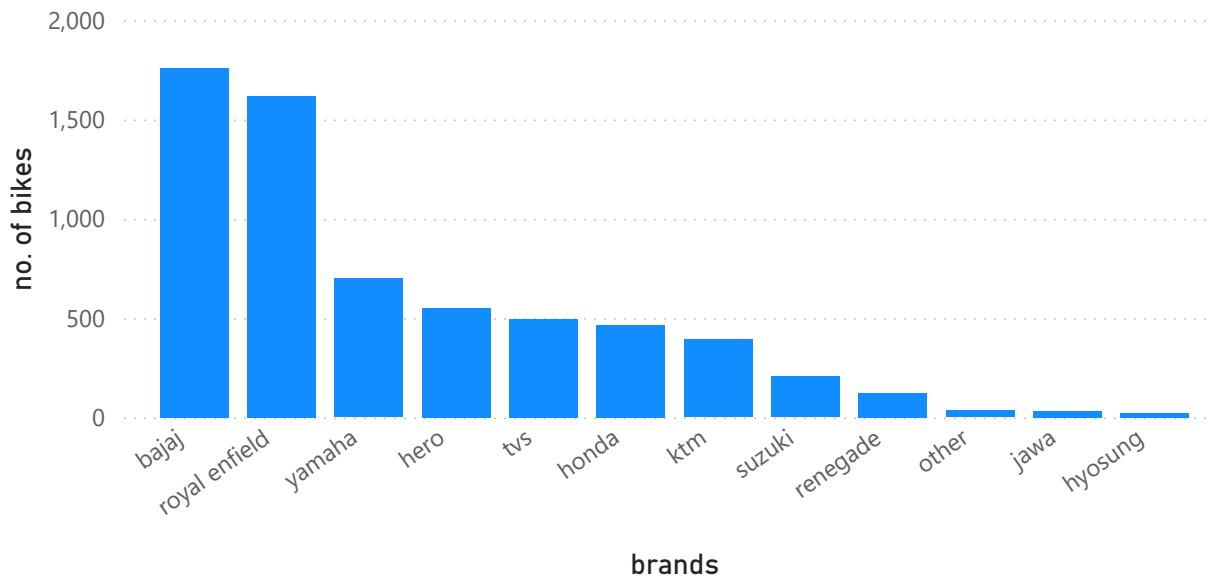# Visualization - Report

⚠️ **Disclaimer**

➡️ This report is created for **analytical and learning purposes only**.

➡️ The visuals highlight **relationships and patterns between key features**
____such as price, engine capacity, power, usage, brand, and location.

➡️ All insights are based on **historical resale data** and do not represent
____real-time market prices.

➡️ Actual resale values may vary due to market conditions, vehicle condition,
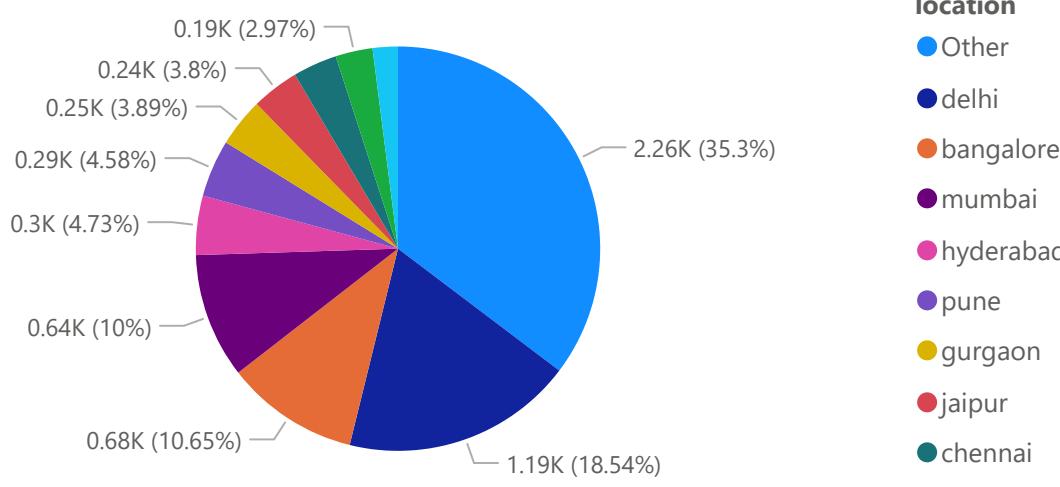____and negotiation factors.

6402

Total number of bikes

no. of bikes by brands

Available Bikes by location

location	
●	Other
●	delhi
●	bangalore
●	mumbai
●	hyderabad
●	pune
●	gurgaon
●	jaipur
●	chennai

▼
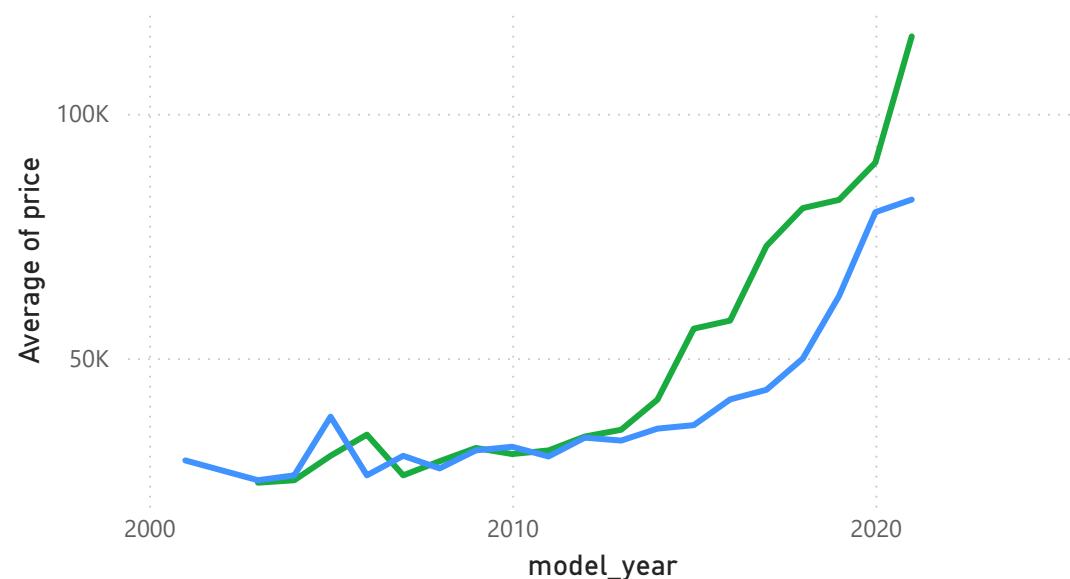
Max of price, Min of price and Average of price by brands

● Max of price ● Min of price ● Average of price

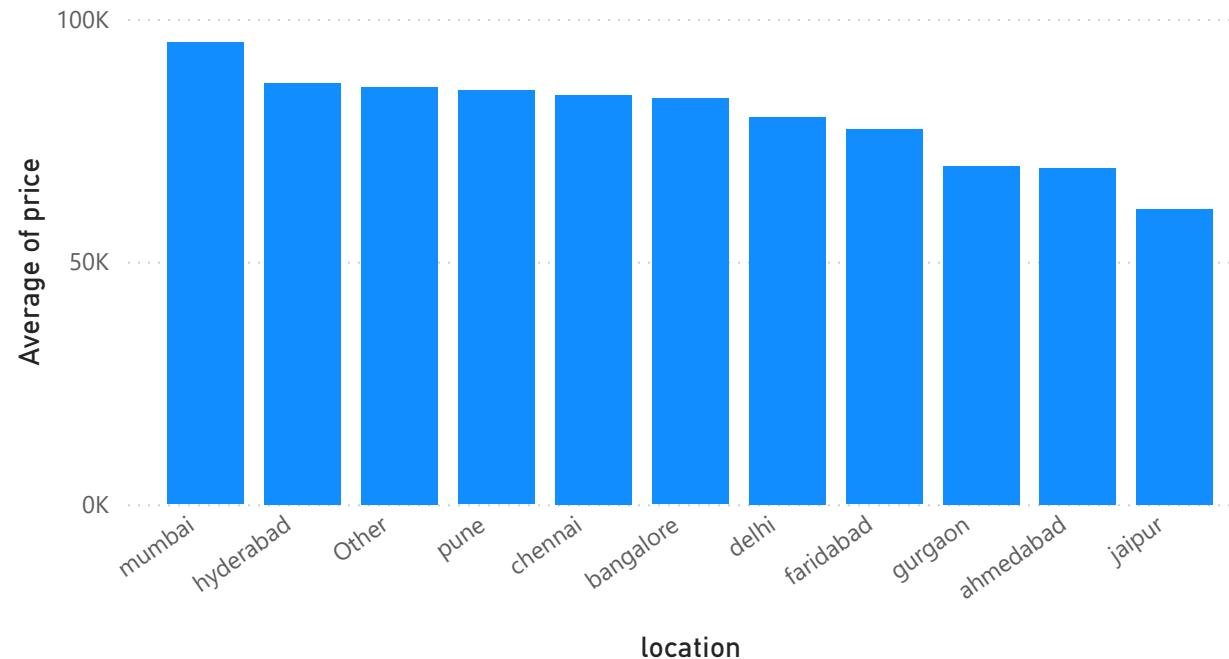**📊 Average, Minimum, Maximum Price by Brand (Bar Chart)**
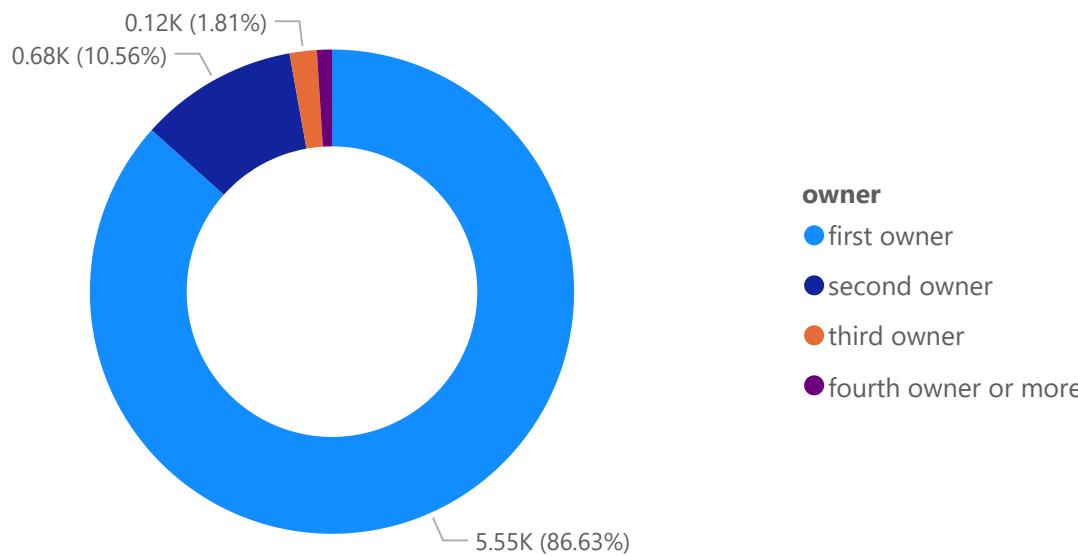Compares the resale value of different brands to identify premium and budget segments.

Average of price by model_year and brands

brands ● bajaj ● hero

📊 Average Price by Model Year – Hero vs Bajaj
Compare how **Hero and Bajaj resale prices change over time**.

Average of price by location
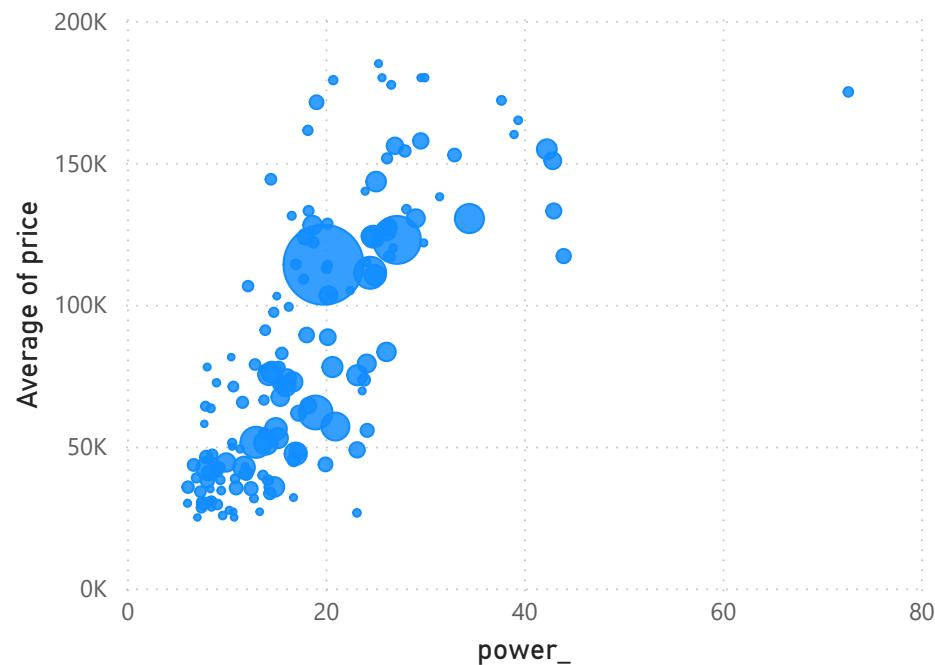
Bike Ownership Distribution by owner

0.12K (1.81%)
0.68K (10.56%)
5.55K (86.63%)

owner
- first owner
- second owner
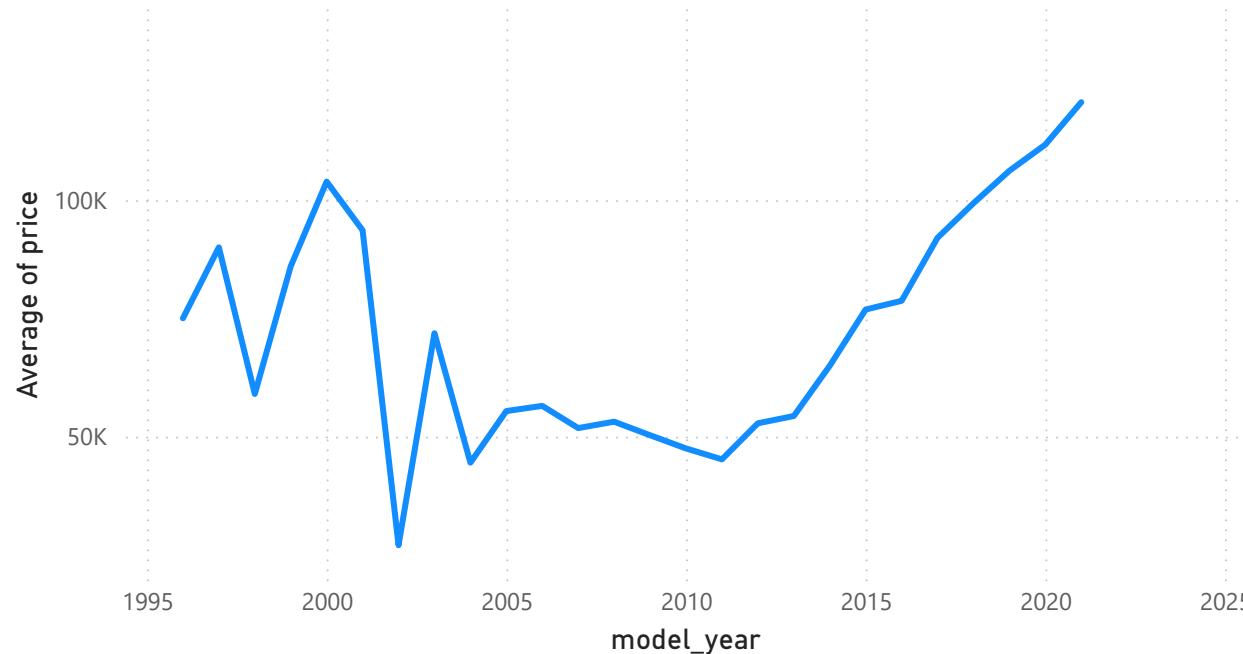- third owner
- fourth owner or more

Average of price and Sum of cc by power_

📊 Power vs Avg Price (with CC as Size)
Shows how average bike price varies with engine power, while bubble size represents engine capacity.

Average of price by model_year

📊 Average Price by Model Year and Brand (Line Chart)
Compares how resale value trends differ between brands across model years.