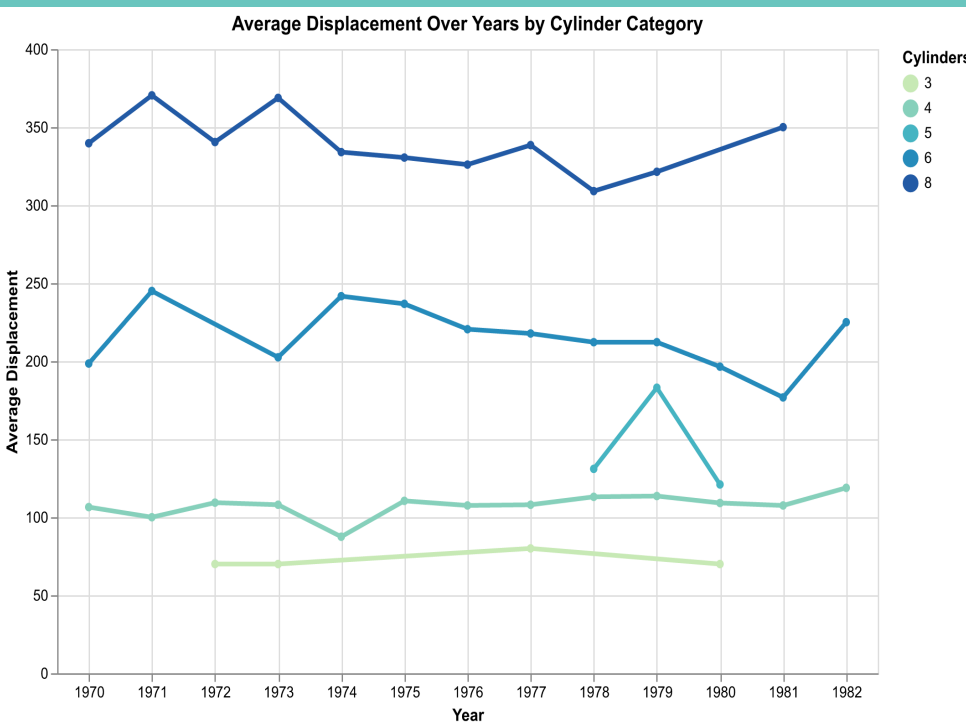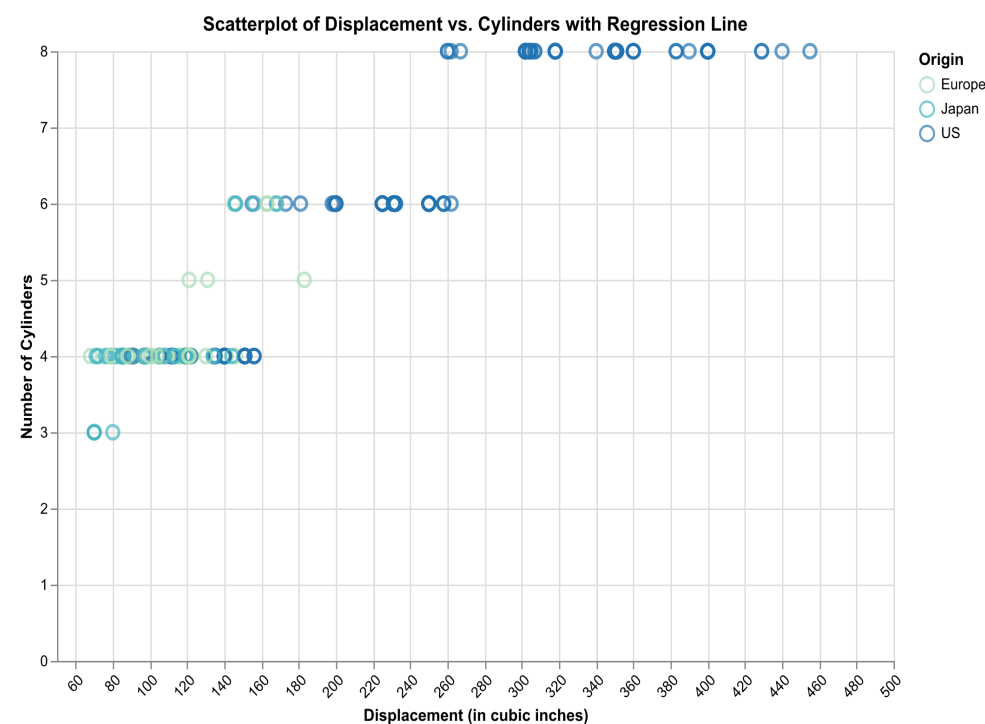**DATA2POSTER**

Introduction

This poster explores key insights about cars through data analysis. Three visual charts answer important questions about car characteristics and trends. These visualizations reveal different perspectives to understand car data comprehensively.
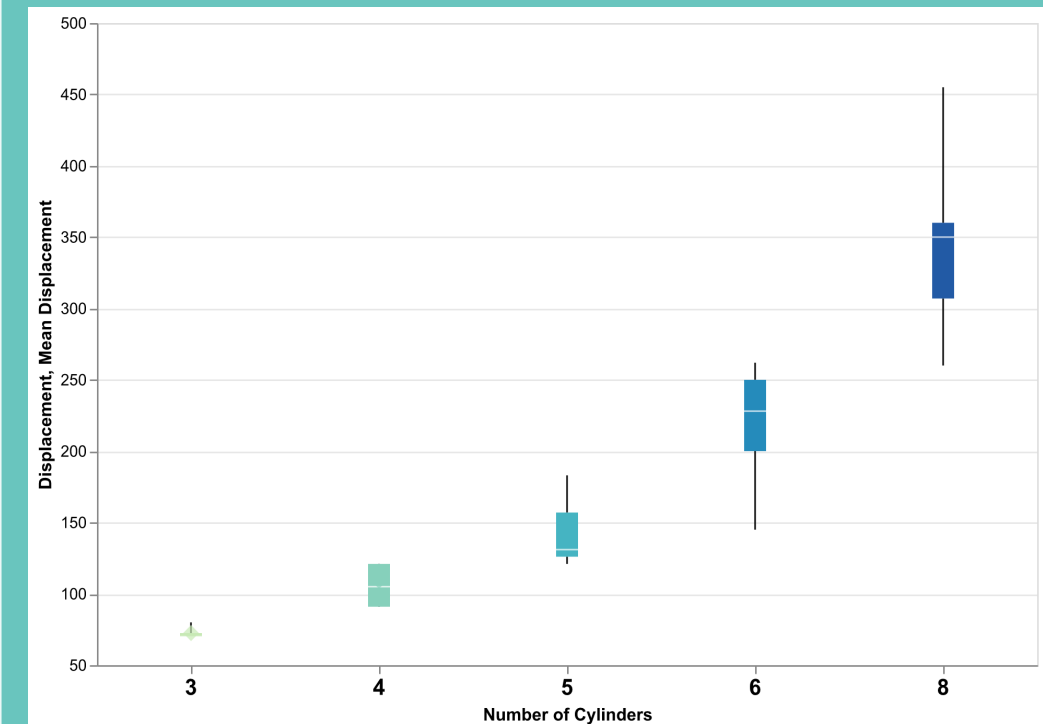
How Does Cylinder Count Influence Car Engine Displacement Patterns?

Average displacement fluctuates most for 8 and 6 cylinders; 4 and 3 cylinders remain stable; 5 cylinders show brief spike.

Displacement positively correlates with cylinders; higher displacement usually means more cylinders, consistent across origins.

Displacement medians and variability increase with cylinders; 3-cylinder shows minimal variation, 8-cylinder has widest range and highest median.

Conclusion

This poster reveals key car characteristics through data analysis. Average displacement fluctuates most for 8 and 6 cylinders, while 4 and 3 cylinders remain stable. Displacement positively correlates with cylinder count across origins, showing consistent patterns. Medians and variability of displacement increase with cylinders; 3-cylinder cars show minimal variation, and 8-cylinder cars have the widest range and highest median. These insights help understand how engine size and cylinder number impact car performance and design trends.