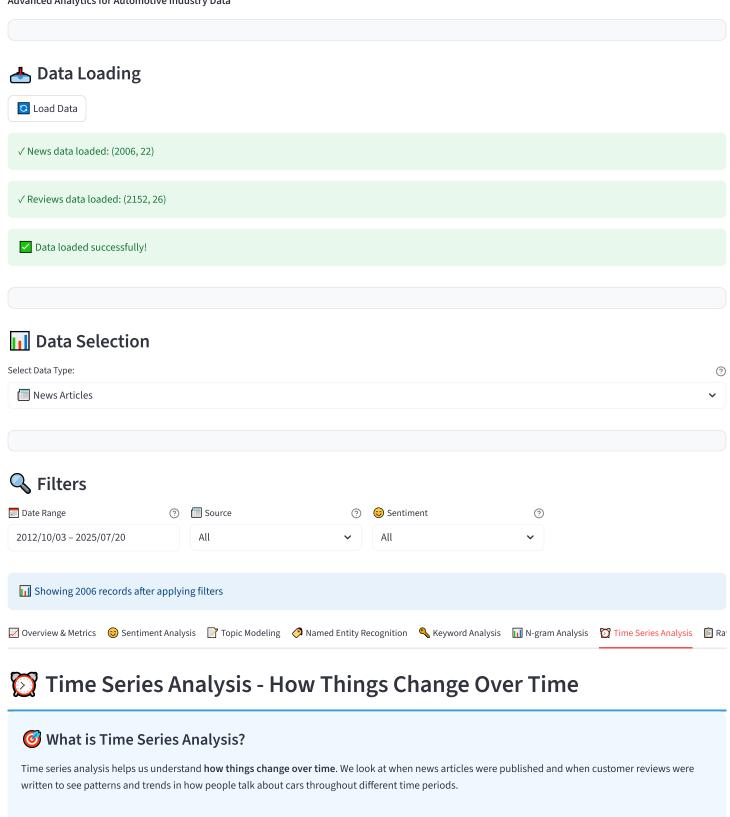
Car Analysis Dashboard

Advanced Analytics for Automotive Industry Data



Timeline Charts

When articles and reviews were published

Car usage patterns by region

Market Data

Trend Insights

What patterns tell us

Publication Timeline Car Usage by Region

Car Usage by Region - Where People Rely on Cars Most

Understanding Car Usage by Region

This section shows how much different areas rely on cars based on official government data. This helps us understand:

- Regional differences Which areas are most dependent on cars
- Market opportunities Where car services might be most needed
- Transportation patterns How people get around in different areas
- Urban vs rural trends How car usage varies by location type

🔐 This information helps car companies, urban planners, and policymakers understand transportation needs across different regions

🗾 Data Source: Official Census 2021 data showing car/van availability by local authority across England and Wales

III Key Statistics - Car Usage Across Regions

These numbers show the overall picture of car usage across England and Wales:

📊 Average Car Dependency 🍳

🚗 High Car Usage Areas 💿

Low Car Usage Areas ②

84.5%

268

13

Areas with Highest Car Usage

Understanding High Car Usage Areas

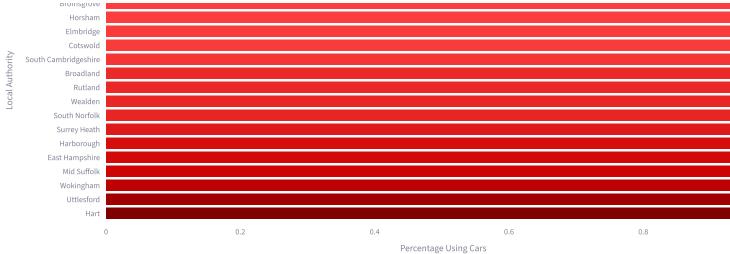
These are the areas where people rely on cars the most. This could be because:

- Limited public transport Fewer buses, trains, or other transport options
- Rural locations Longer distances between destinations
- Urban sprawl Cities designed around car travel
- **Economic factors** Areas where car ownership is more common

These areas represent strong markets for car-related services and products

Top 20 Areas with Highest Car Usage (Sorted Biggest to Smallest)





Areas with Lowest Car Usage

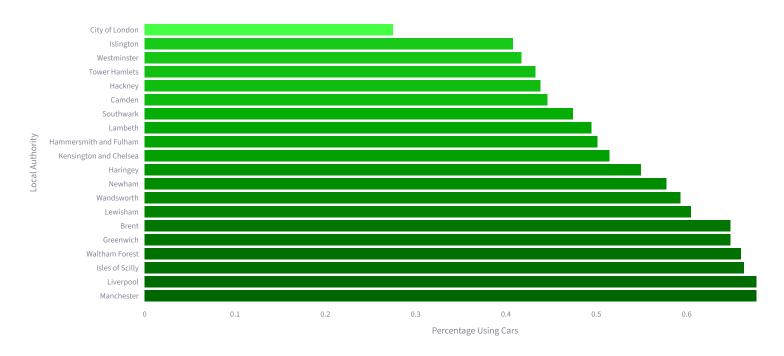
Understanding Low Car Usage Areas

These are the areas where people rely on cars the least. This could be because:

- Excellent public transport Good bus, train, and other transport systems
- Urban centers Dense cities where walking and cycling are easier
- Alternative transport Strong cycling infrastructure or other options
- Environmental focus Areas promoting sustainable transport

? These areas might be good markets for electric vehicles, car-sharing services, or alternative transport solutions

Top 20 Areas with Lowest Car Usage (Sorted Biggest to Smallest)



What This Data Means for Business and Planning

@ Business and Planning Insights

Understanding car usage patterns helps different organizations make better decisions:

For Car Companies:

- **High usage areas** ({len(high_dependency_areas)} locations) are prime markets for car sales and services
- Low usage areas might be good for electric vehicles or car-sharing services
- Average usage of {avg_dependency:.1%} shows strong overall car market potential

for City Planners:

- High dependency areas may need better public transport investment
- Low dependency areas show successful sustainable transport strategies
- Regional differences help identify where transport improvements are most needed

Key Takeaway

The data shows that {avg_dependency:.1%} of households across England and Wales rely on cars, indicating a significant market for automotive services and products. Understanding regional differences helps target resources and services where they're needed most.

Car Analysis Framework - Advanced Analytics for Automotive Industry Data

Built with Streamlit • Powered by AI and Machine Learning