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Dimensions: 550 filas, 12 columnas

Memory usage: 0.20 MB

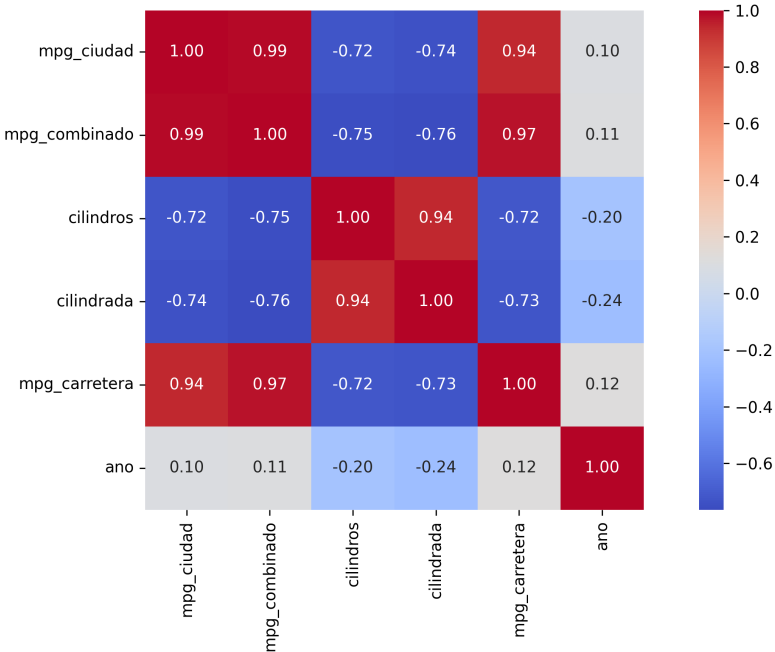
Data types:

- object: 6
- int64: 4
- float64: 2

duplicated values: 2

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Correlation Matrix



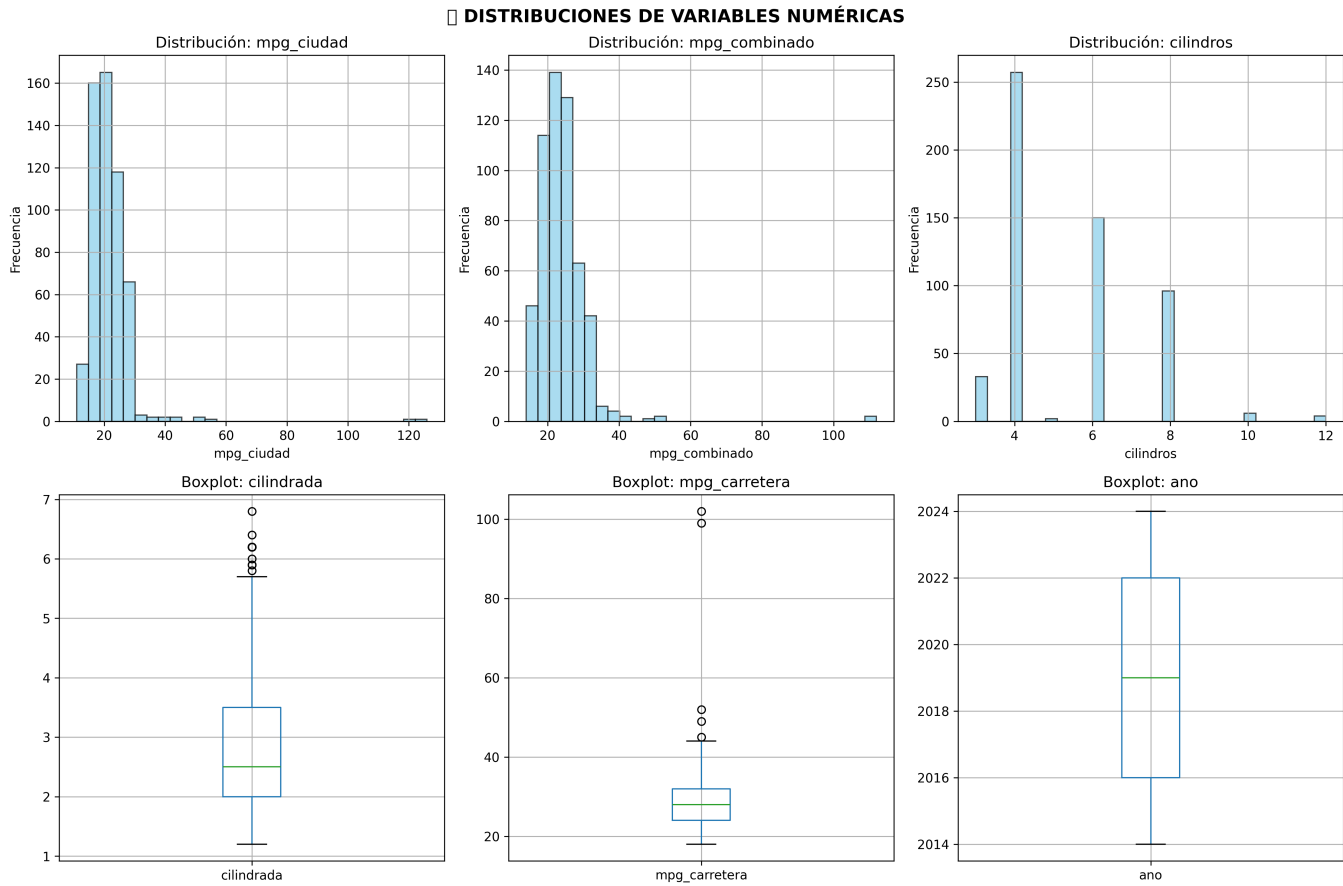
Numerical Columns:

- 1. no missing values
- 2. no missing values
- 3. cilindros: 2 (0.36%)
- 4. cilindrada: 2 (0.36%)
- 5. no missing values
- 6. no missing values

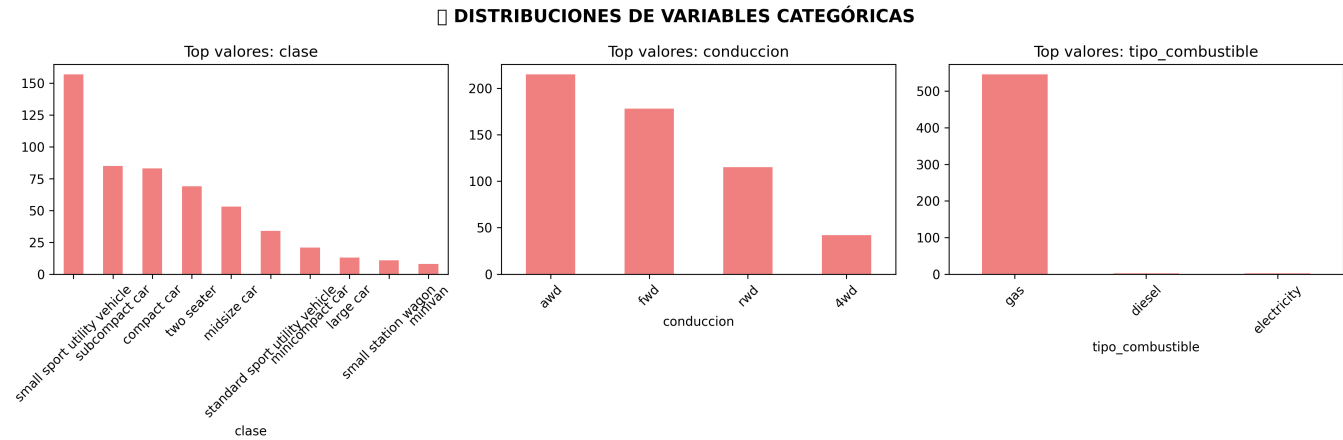
Categorical Columns:

- 1. no missing values
- 2. no missing values
- 3. no missing values
- 4. no missing values
- 5. no missing values
- 6. no missing values

Distribution of numerical variables



Distribution of categorical variables



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Trained Model Results

Model: RandomForest

MAE: 0.3050
RMSE: 0.6350
R²: 0.9841

Model: GradientBoosting

MAE: 0.3283
RMSE: 0.5425
R²: 0.9884

Model: DecisionTree

MAE: 0.2545
RMSE: 0.7508
R²: 0.9778

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TESTS

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Theil's U Tests

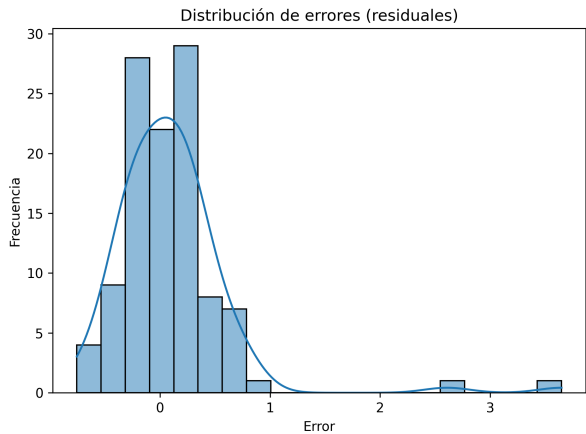
U Theil - Gradient Boosting: 0.011221560889833658
U Theil - Random Forest: 0.013143743483884345
U Theil - Decision Tree: 0.01553953648027695

ANOVA Test

ANOVA F = 32.976, p = 0.0000 (significativo)

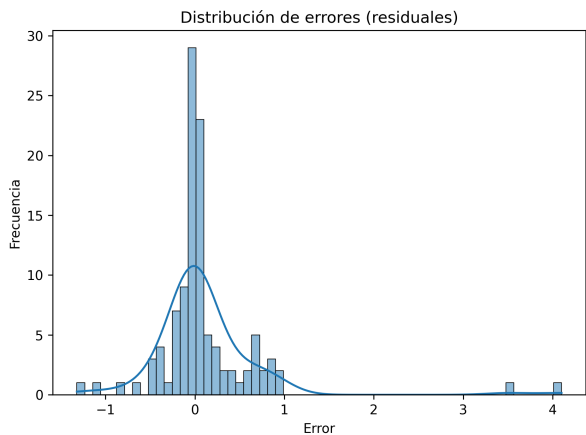
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Error Distribution (Gradient Boosting)



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Error Distribution (Random Forest)



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Error Distribution (Decision Tree)

